Overview of
OsmAnd
An Android Mobile App for Rural Development Sector of India

- **A free Android App without need of internet for base maps, if your Android mobile have around 300 MB free space/memory.**

- **Your Mobile should have GPS**

- **Only Assisted GPS (A-GPS) will not give desired accuracy**

- **Initial Cost for GPS enabled mobiles is Rs. 5000-7000/-**

- **Check specifications for your mobile on mobile pack or on internet or go in Location settings to see if any GPS word is there to activate**

- **A miracle for Rural Development sector of India**

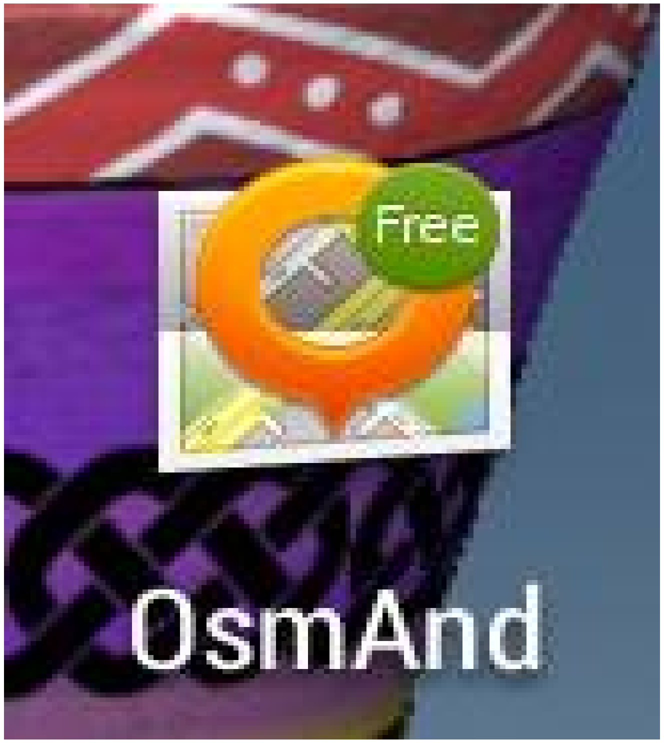
Installation of OsmAnd

- Two ways

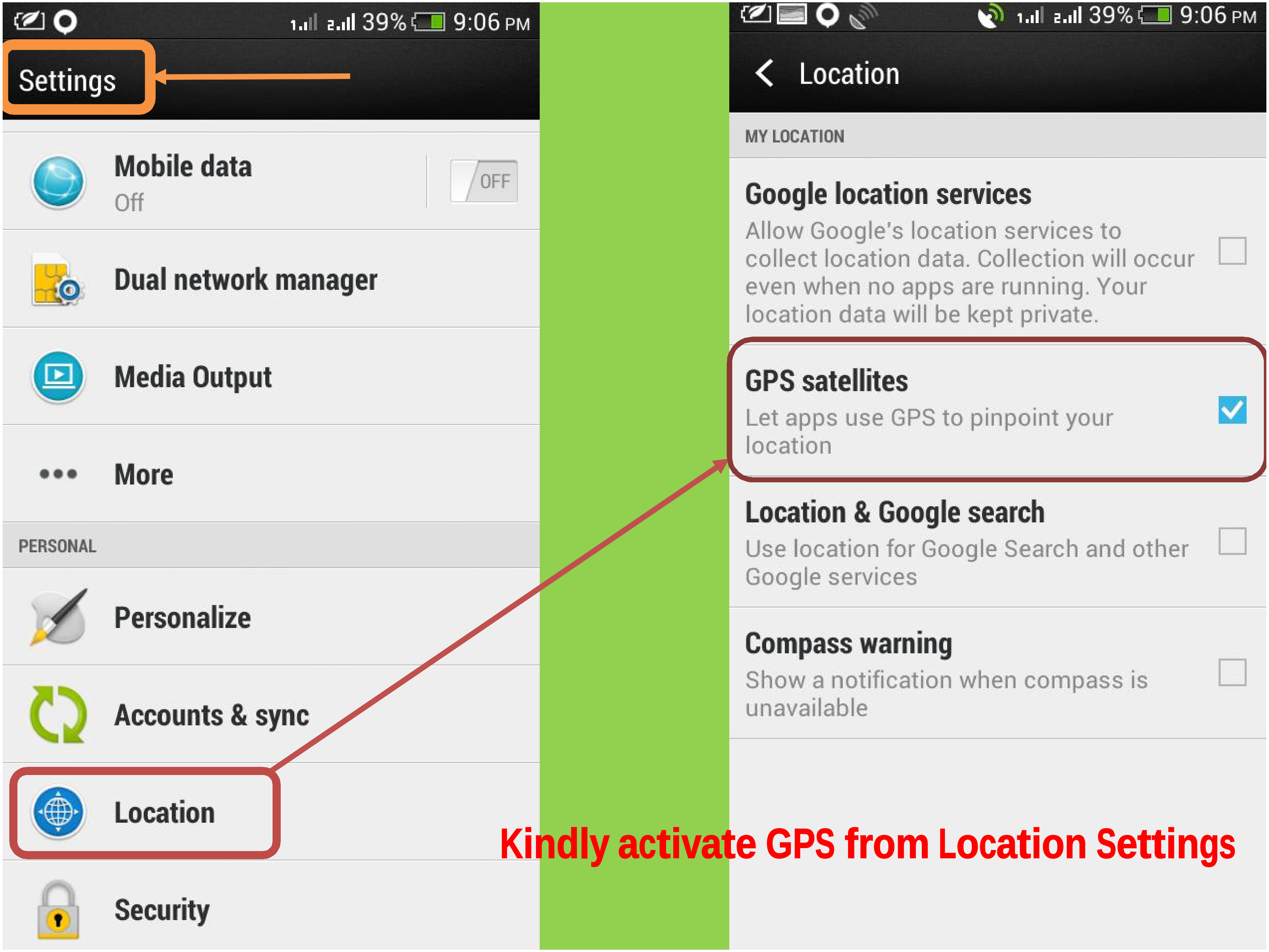
  Go to Play Store, search for OsmAnd free, and install

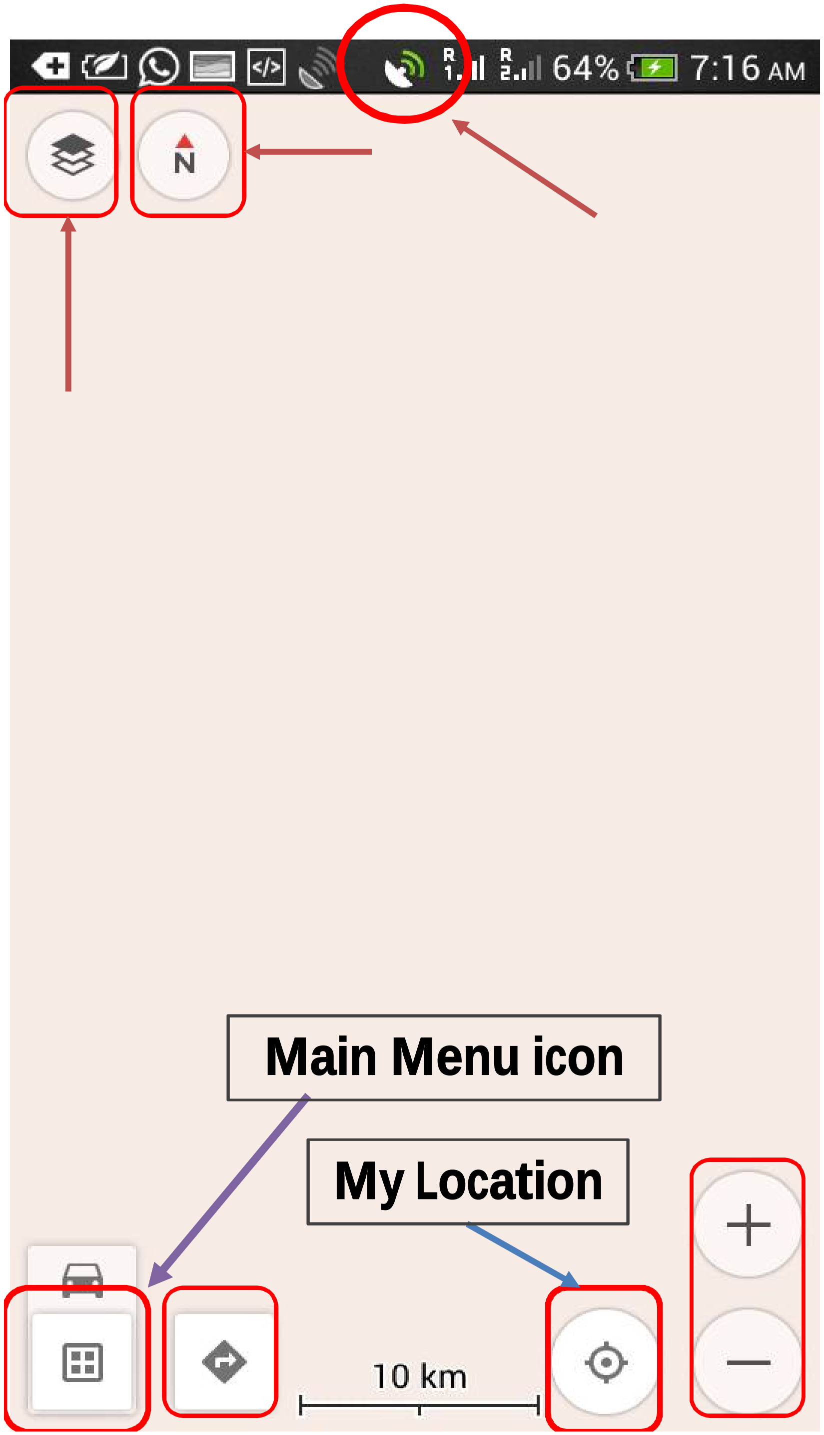
  or take OsmAnd.apk from other phone/source/drive in your mobile and install by double click this

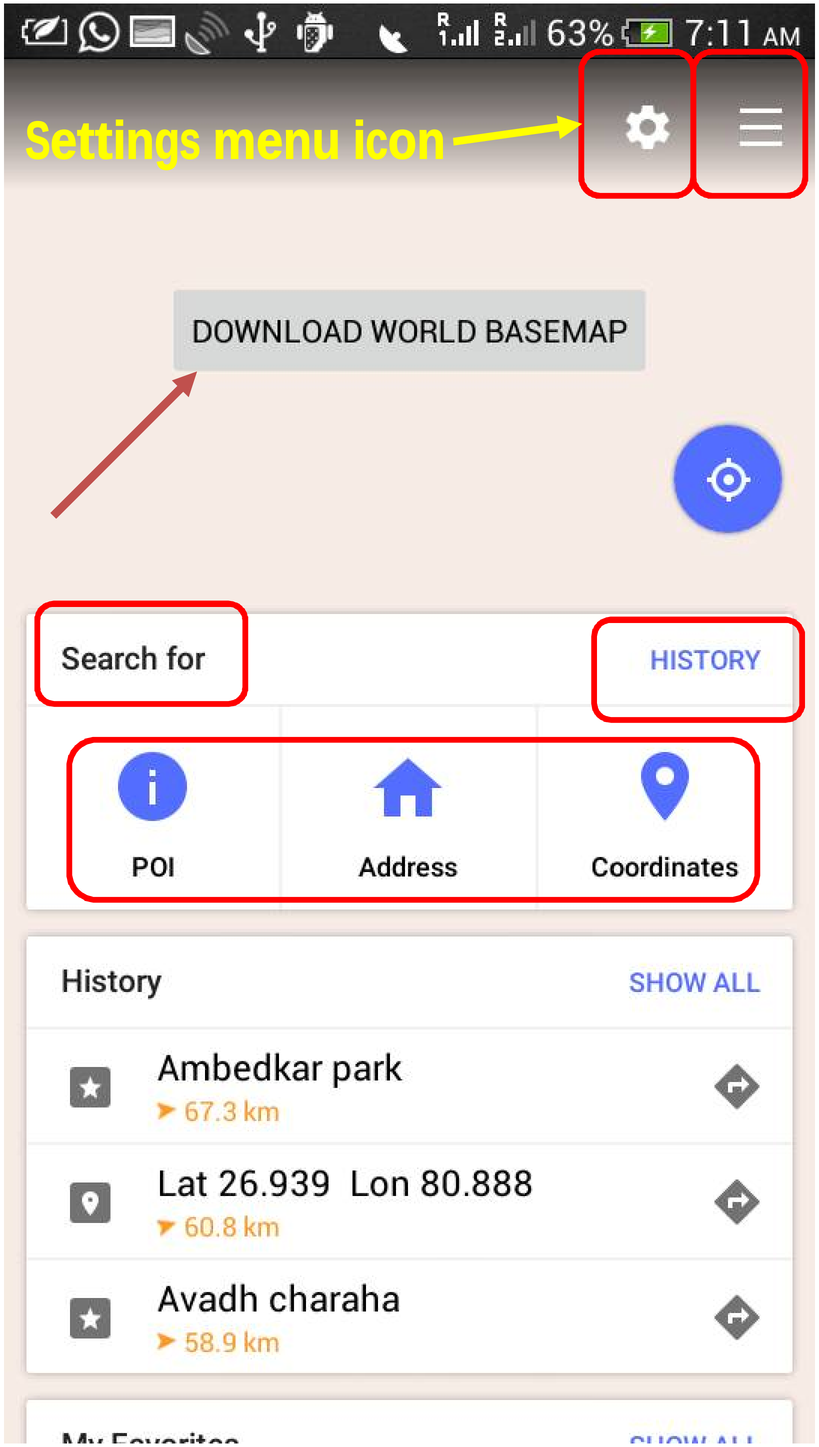
An icon like this will be visible on phone screen

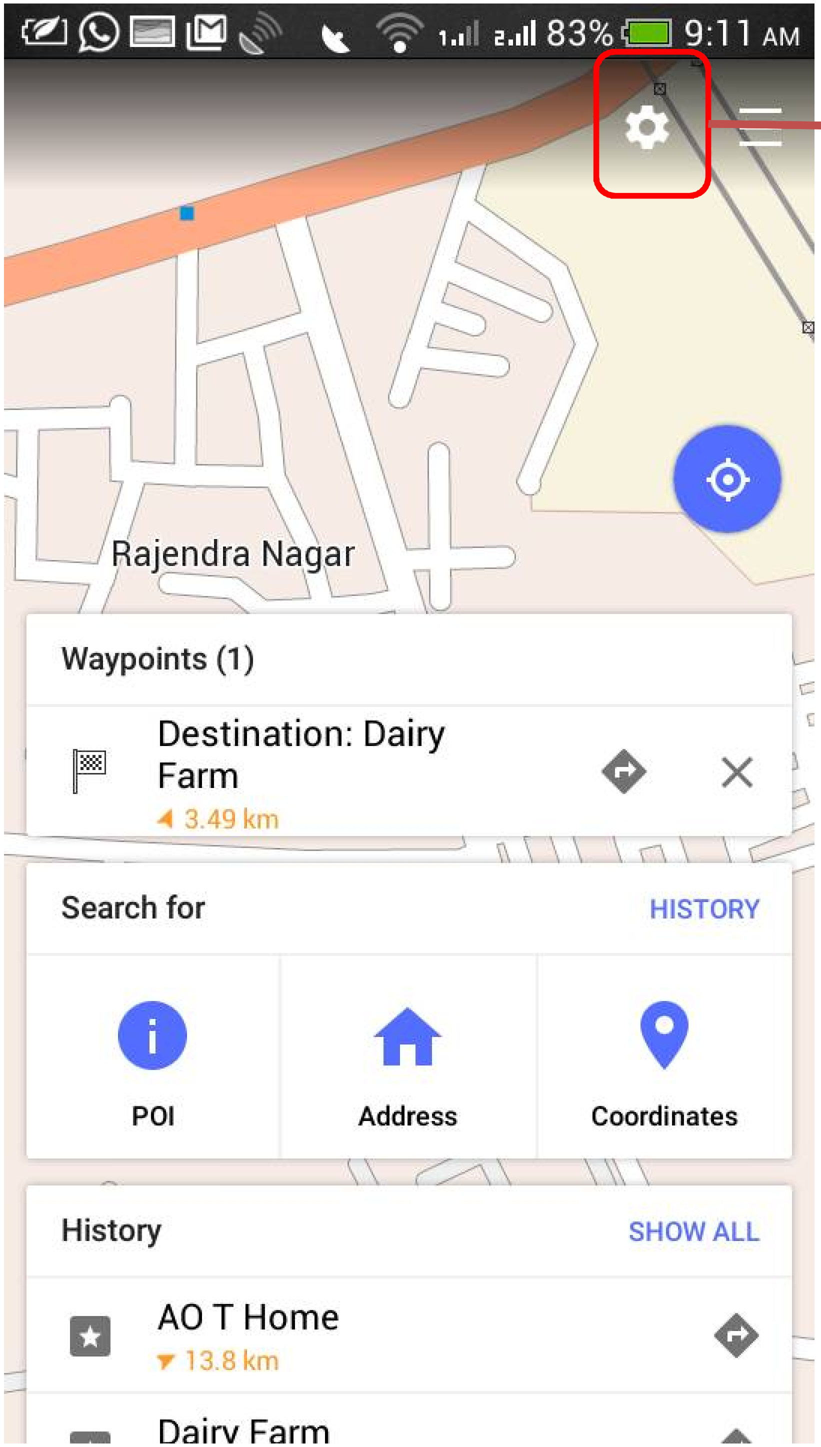


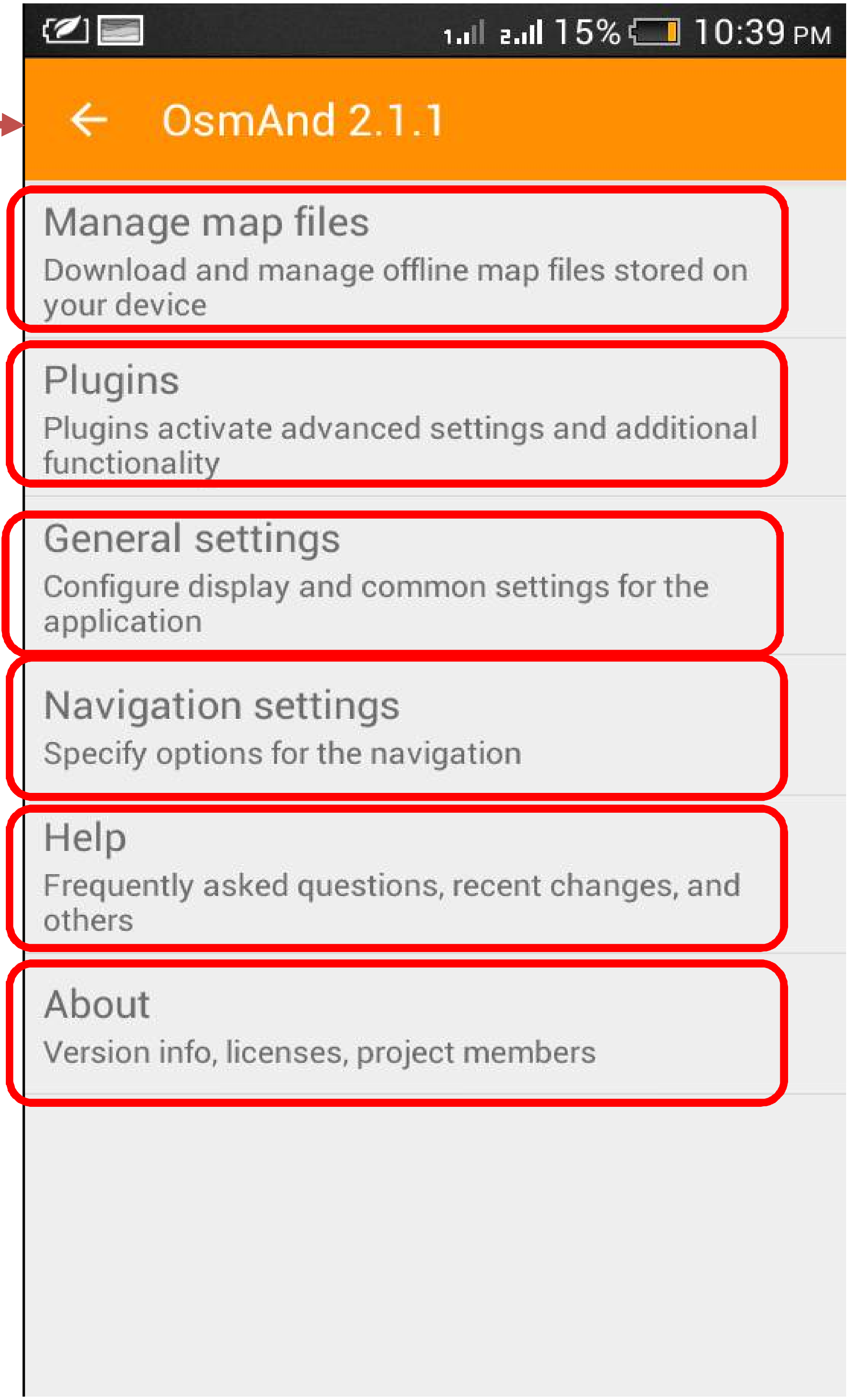
Let us see some mobile screen shots for basic understanding


9:06 PM
Settings
Mobile data
Off
OFF
Dual network manager
Media Output
More
PERSONAL
Personalize
Accounts & sync
Location
Security
Location
MY LOCATION
Google location services
Allow Google's location services to collect location data. Collection will occur even when no apps are running. Your location data will be kept private.
GPS satellites
Let apps use GPS to pinpoint your location
Location & Google search
Use location for Google Search and other Google services
Compass warning
Show a notification when compass is unavailable
Kindly activate GPS from Location Settings

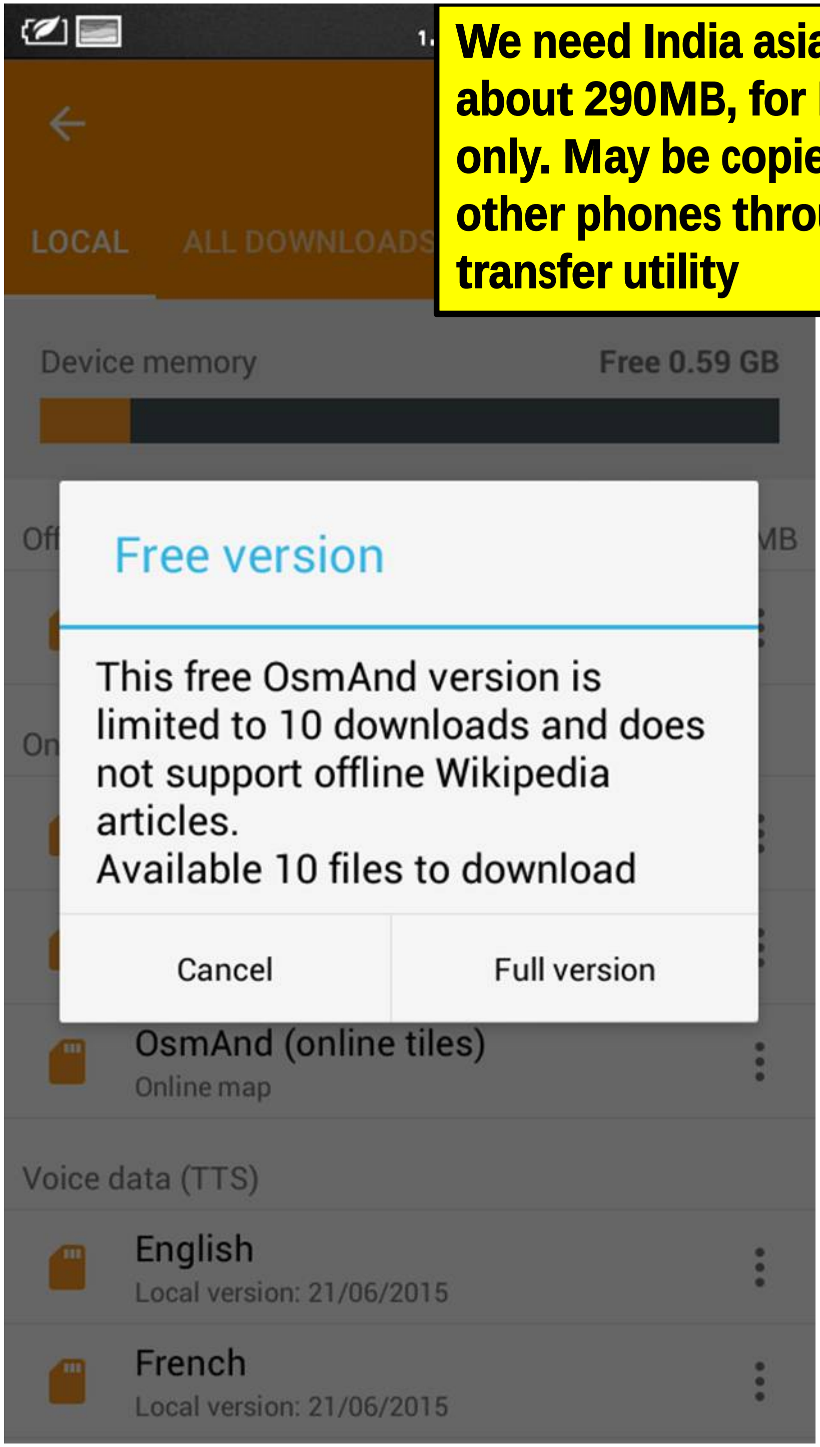

64% 7:16 AM
N
Main Menu icon
My Location
10 km

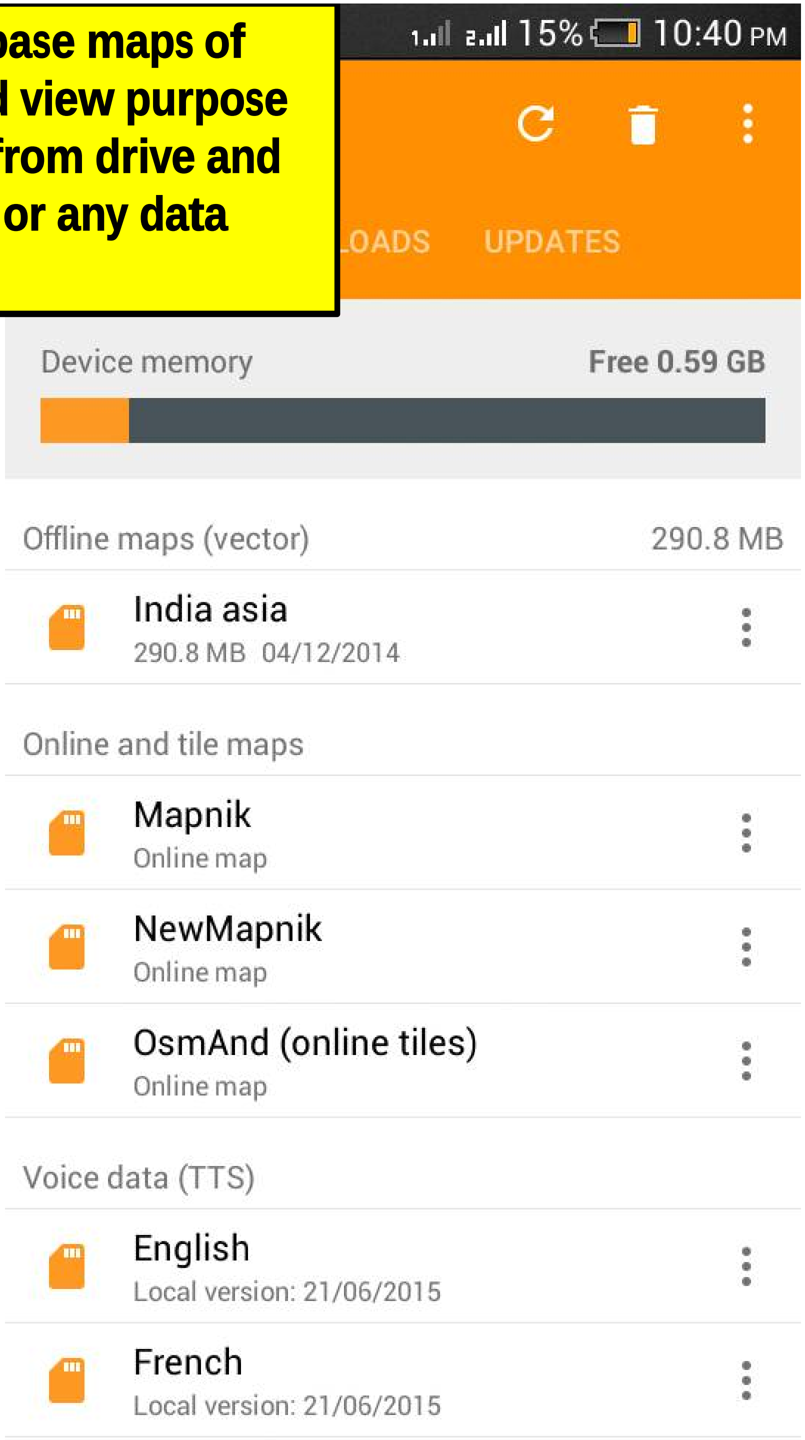

63% 7:11 AM
Settings menu icon
DOWNLOAD WORLD BASEMAP
Search for
HISTORY
POI
Address
Coordinates
History
SHOW ALL
Ambedkar park
67.3 km
Lat 26.939 Lon 80.888
60.8 km
Avadh charaha
58.9 km

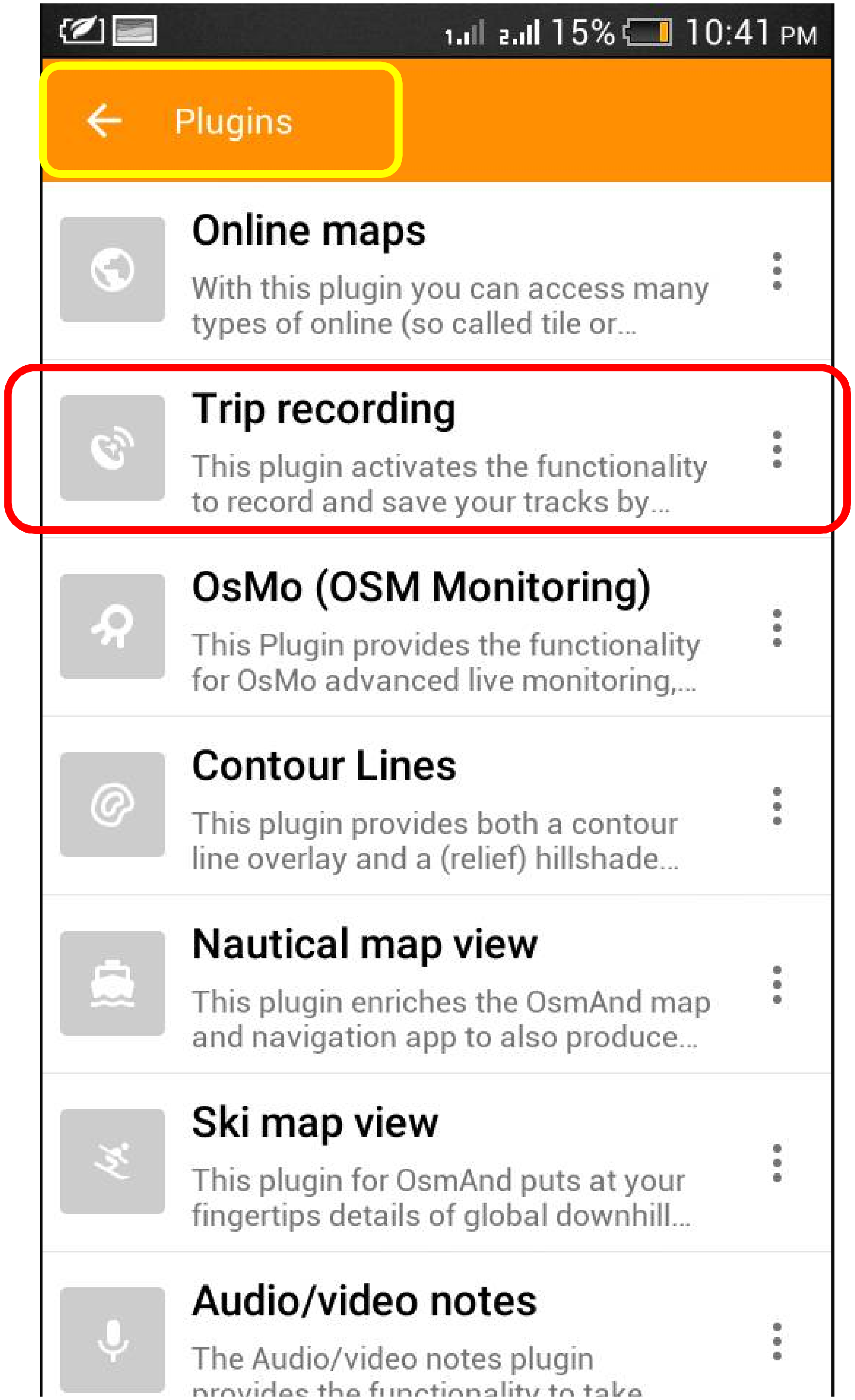

83% 9:11 AM
Rajendra Nagar
Waypoints (1)
Destination: Dairy Farm
3.49 km
Search for
HISTORY
POI
Address
Coordinates
History
SHOW ALL
AO T Home
13.8 km
Dairy Farm

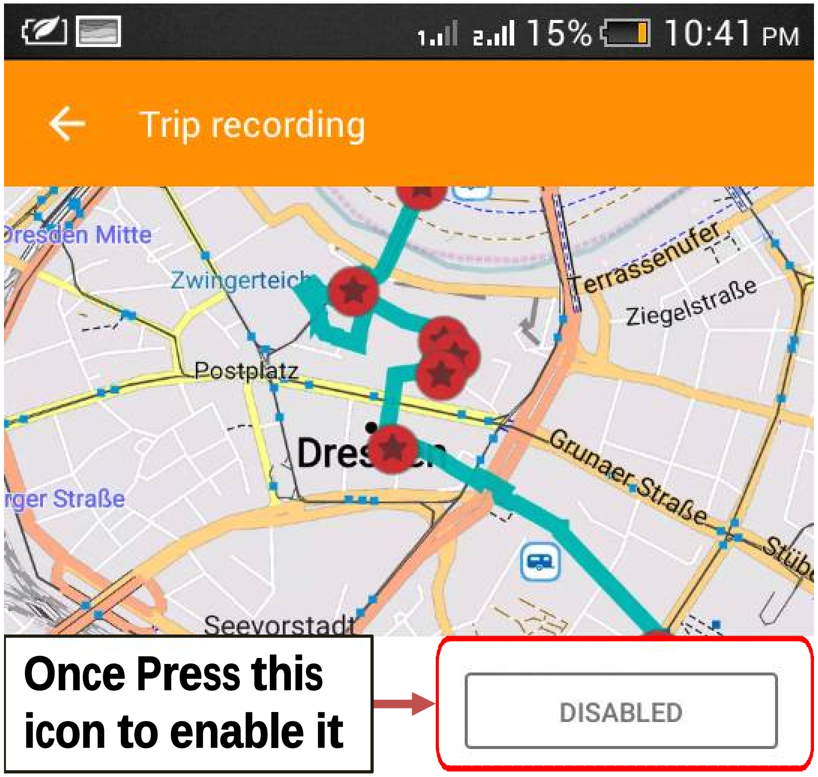

15% 10:39 PM
OsmAnd 2.1.1
Manage map files
Download and manage offline map files stored on your device
Plugins
Plugins activate advanced settings and additional functionality
General settings
Configure display and common settings for the application
Navigation settings
Specify options for the navigation
Help
Frequently asked questions, recent changes, and others
About
Version info, licenses, project members

We need India asia OSM offline base maps of about 290MB, for Navigation and view purpose only. May be copied and pasted from drive and other phones through Bluetooth or any data transfer utility





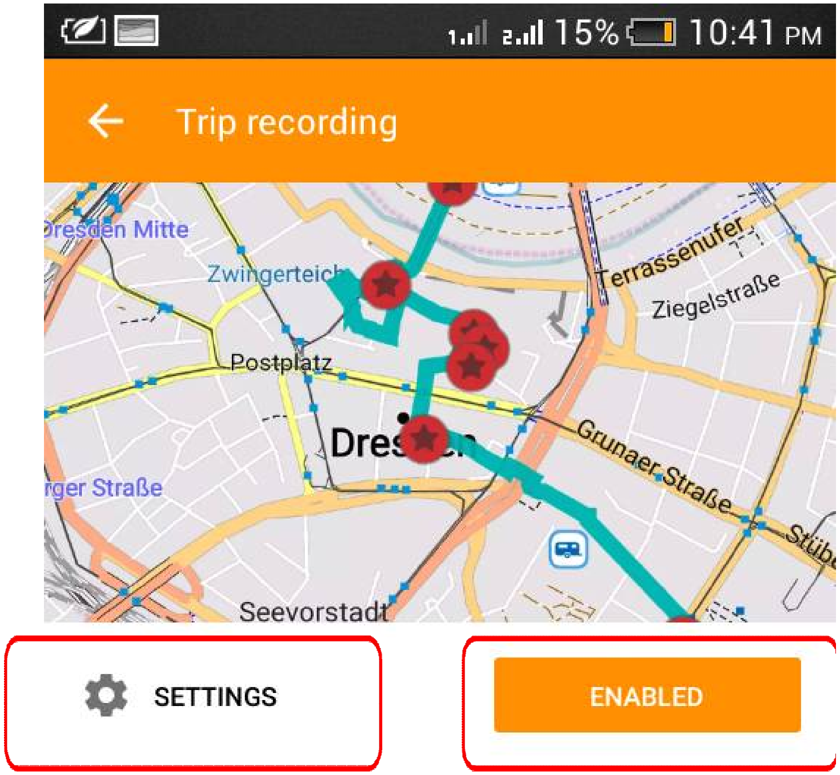

15% 10:41 PM
Plugins
Online maps
With this plugin you can access many types of online (so called tile or...
Trip recording
This plugin activates the functionality to record and save your tracks by...
OsMo (OSM Monitoring)
This Plugin provides the functionality for OsMo advanced live monitoring,...
Contour Lines
This plugin provides both a contour line overlay and a (relief) hillshade...
Nautical map view
This plugin enriches the OsmAnd map and navigation app to also produce...
Ski map view
This plugin for OsmAnd puts at your fingertips details of global downhill...
Audio/video notes
The Audio/video notes plugin



DESCRIPTION

This plugin activates the functionality to record and save your tracks by manually touching the GPX logging widget on the map screen, or also to automatically log all of your navigation routes to a GPX file.

Recorded tracks can be shared with your friends or be used for OSM contributions. Athletes can use recorded tracks to monitor their trainings. Some basic track analysis can be performed directly in OsmAnd, like lap times, average speed etc., and tracks can of course also later be analyzed in special 3rd



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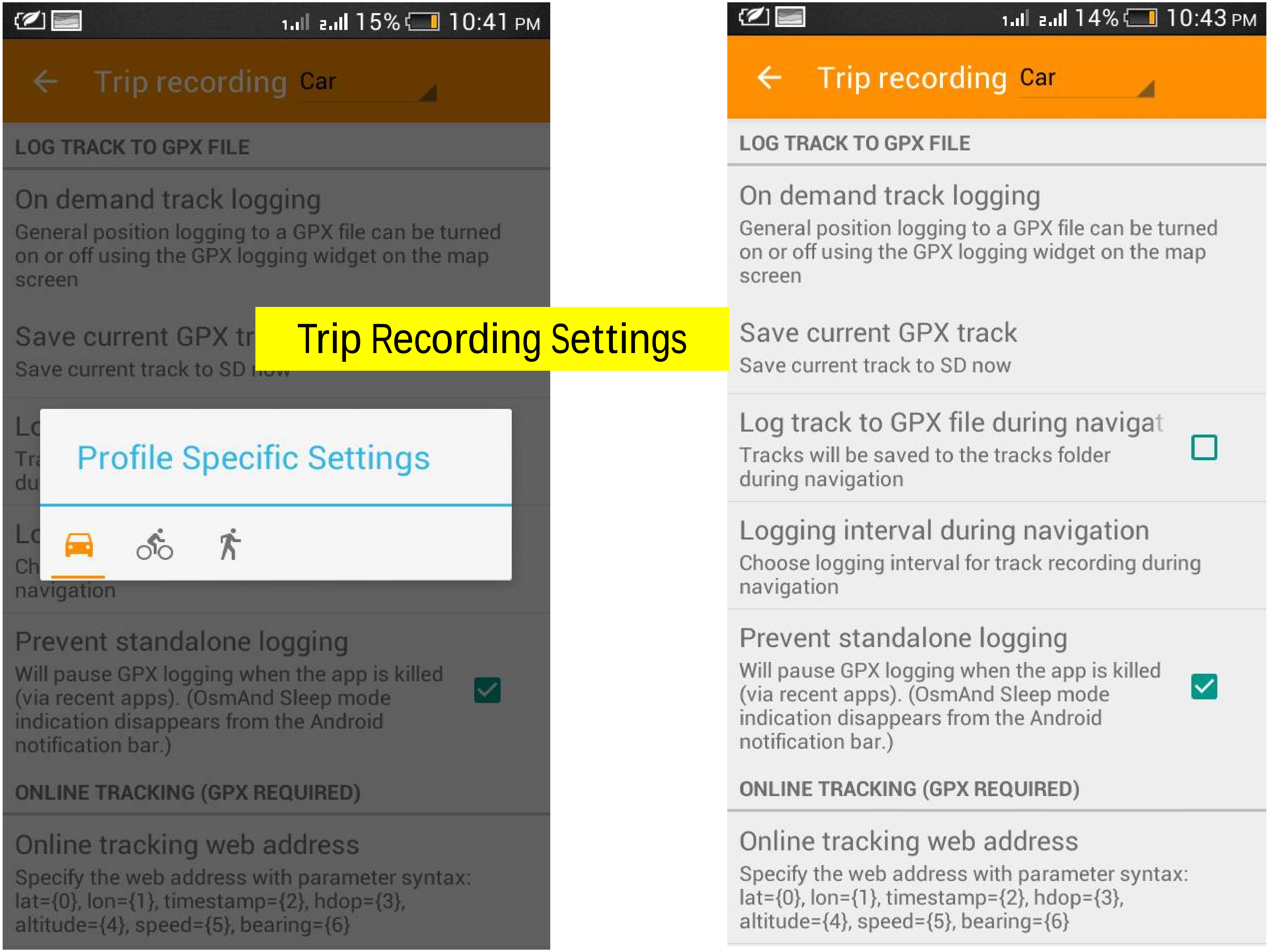
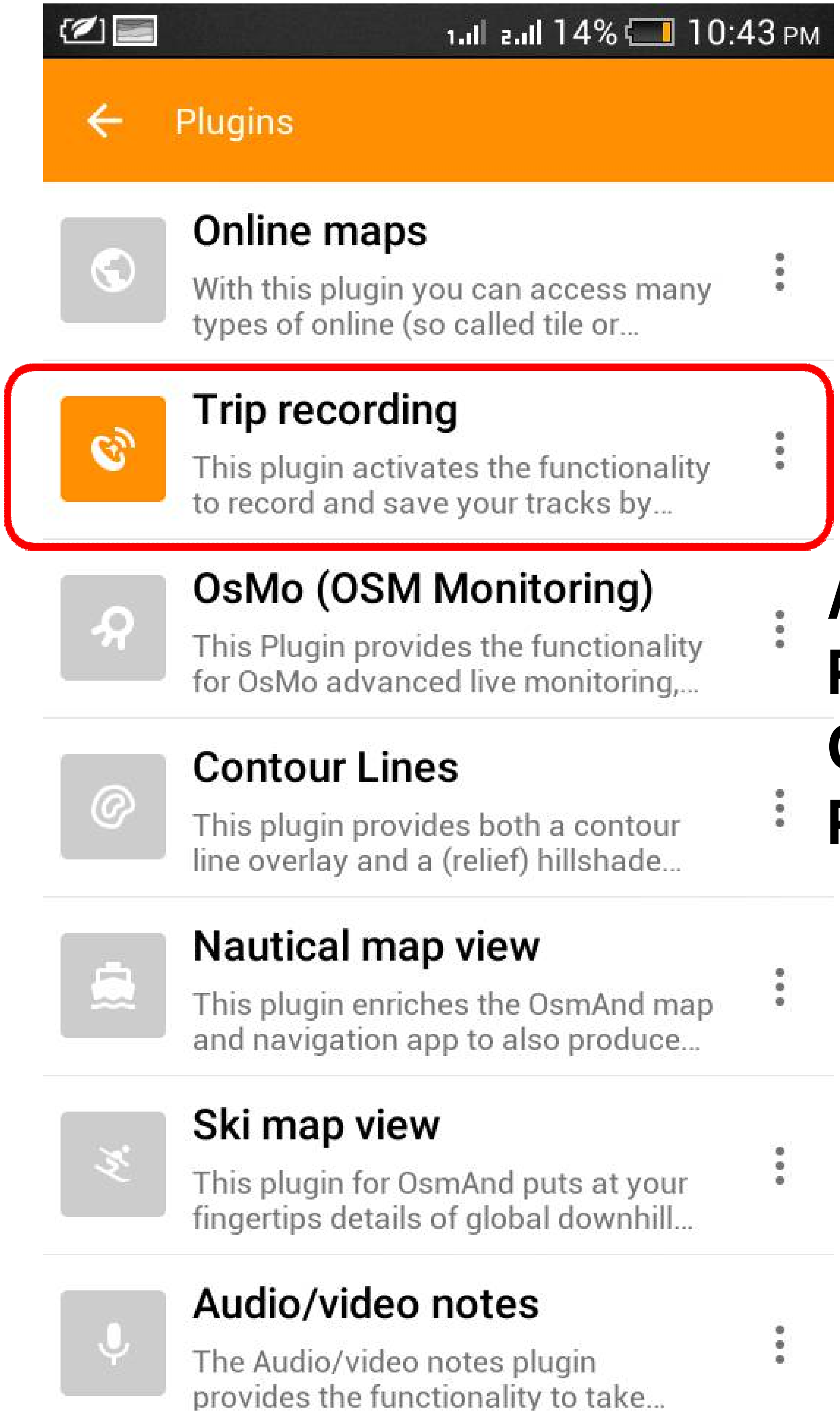
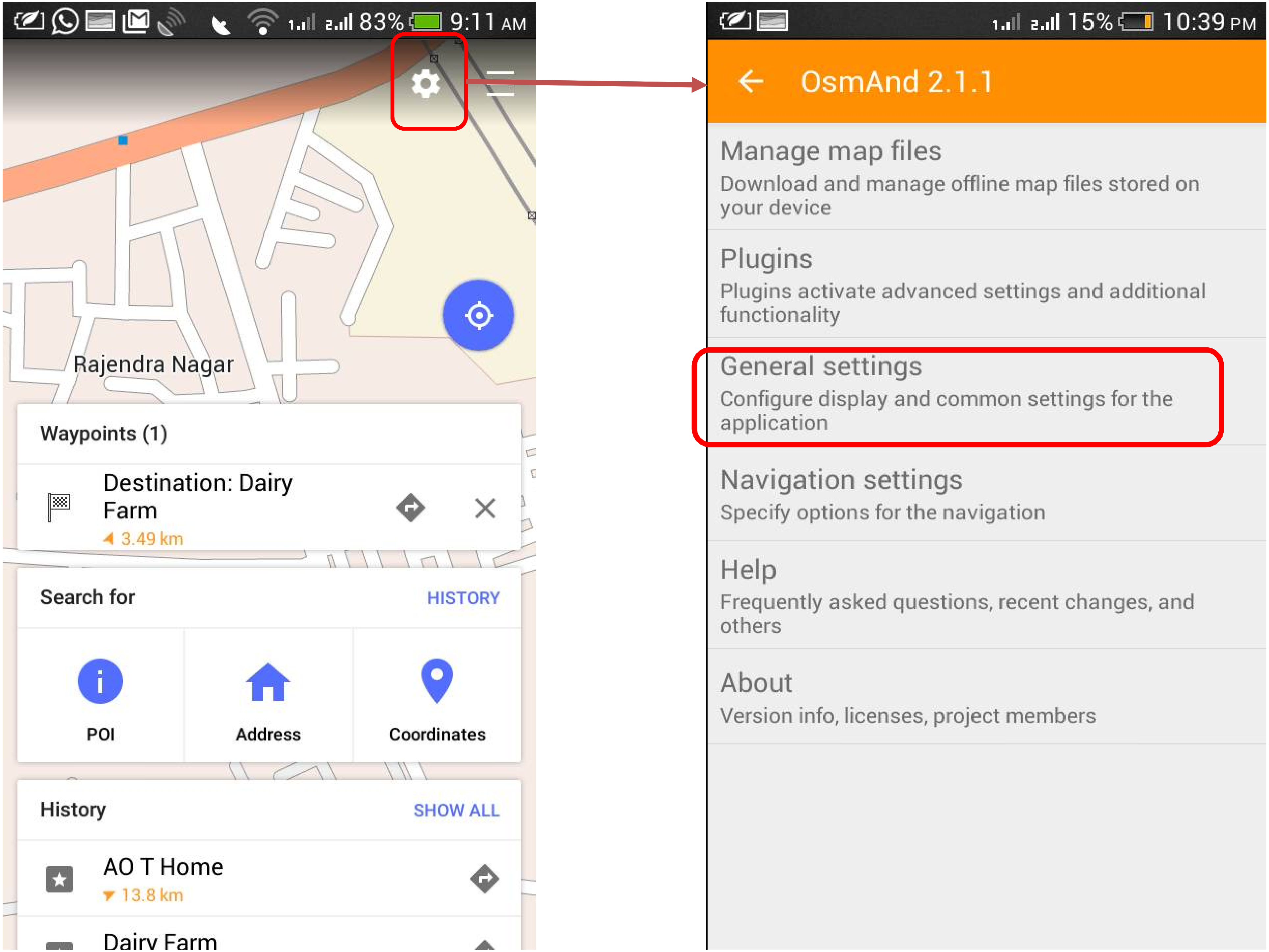
Trip Recording Settings





After activation Plugin icon will be Orange colored in Plugin List



83% 9:11 AM
Rajendra Nagar
Waypoints (1)
Destination: Dairy Farm
3.49 km
Search for
HISTORY
POI
Address
Coordinates
History
SHOW ALL
AO T Home
13.8 km
Dairy Farm
15% 10:39 PM
OsmAnd 2.1.1
Manage map files
Download and manage offline map files stored on your device
Plugins
Plugins activate advanced settings and additional functionality
General settings
Configure display and common settings for the application
Navigation settings
Specify options for the navigation
Help
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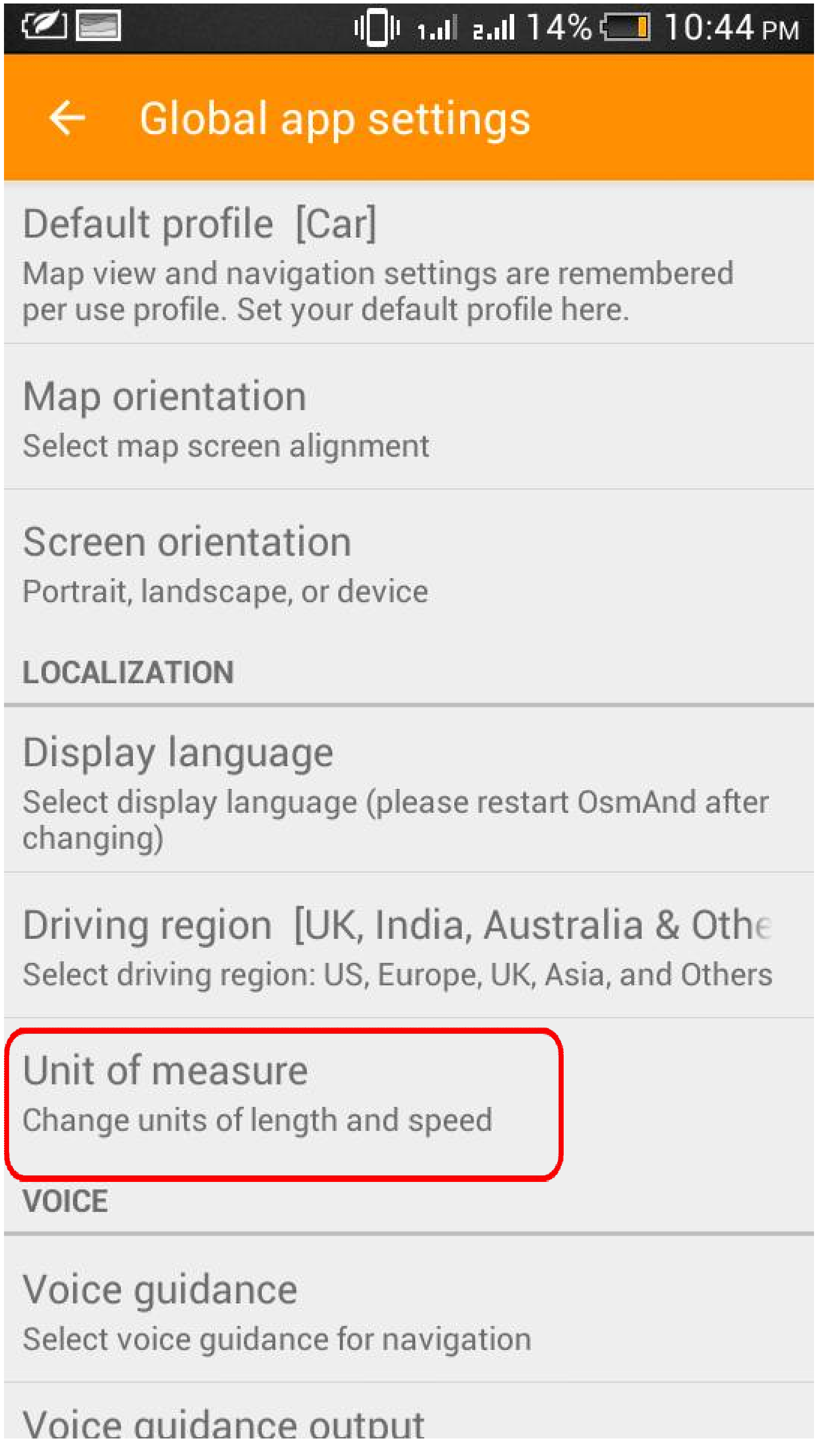
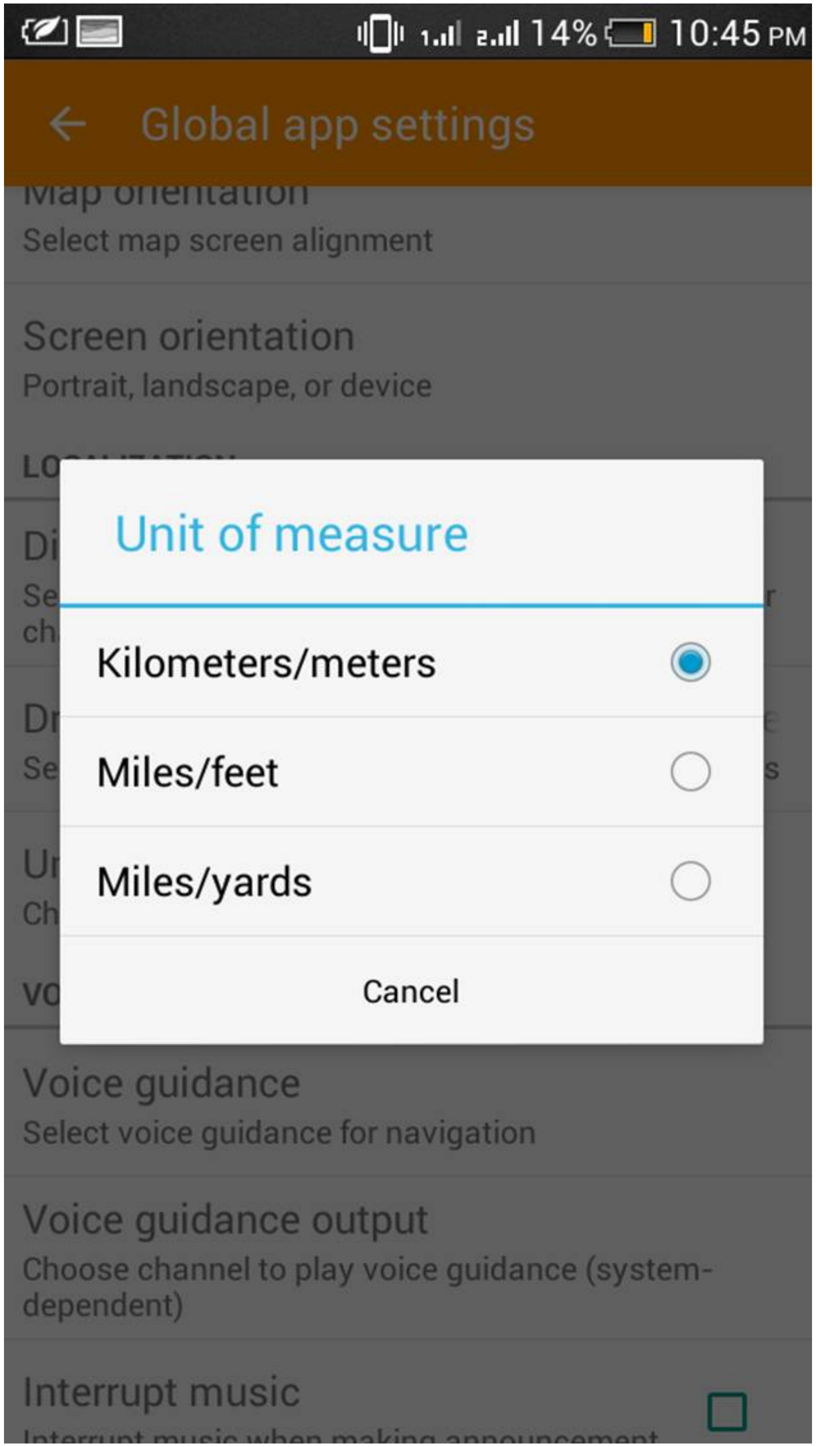
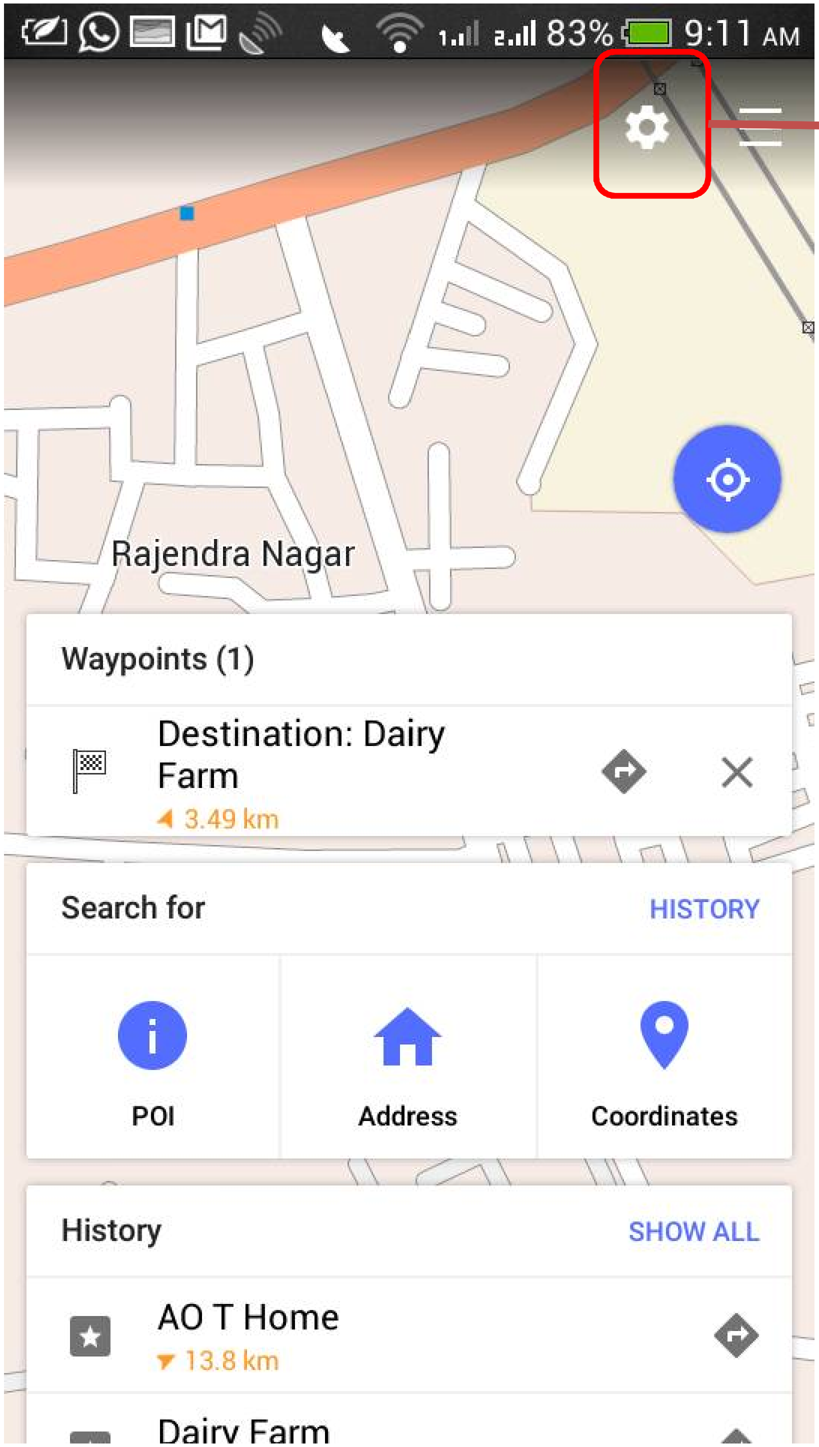
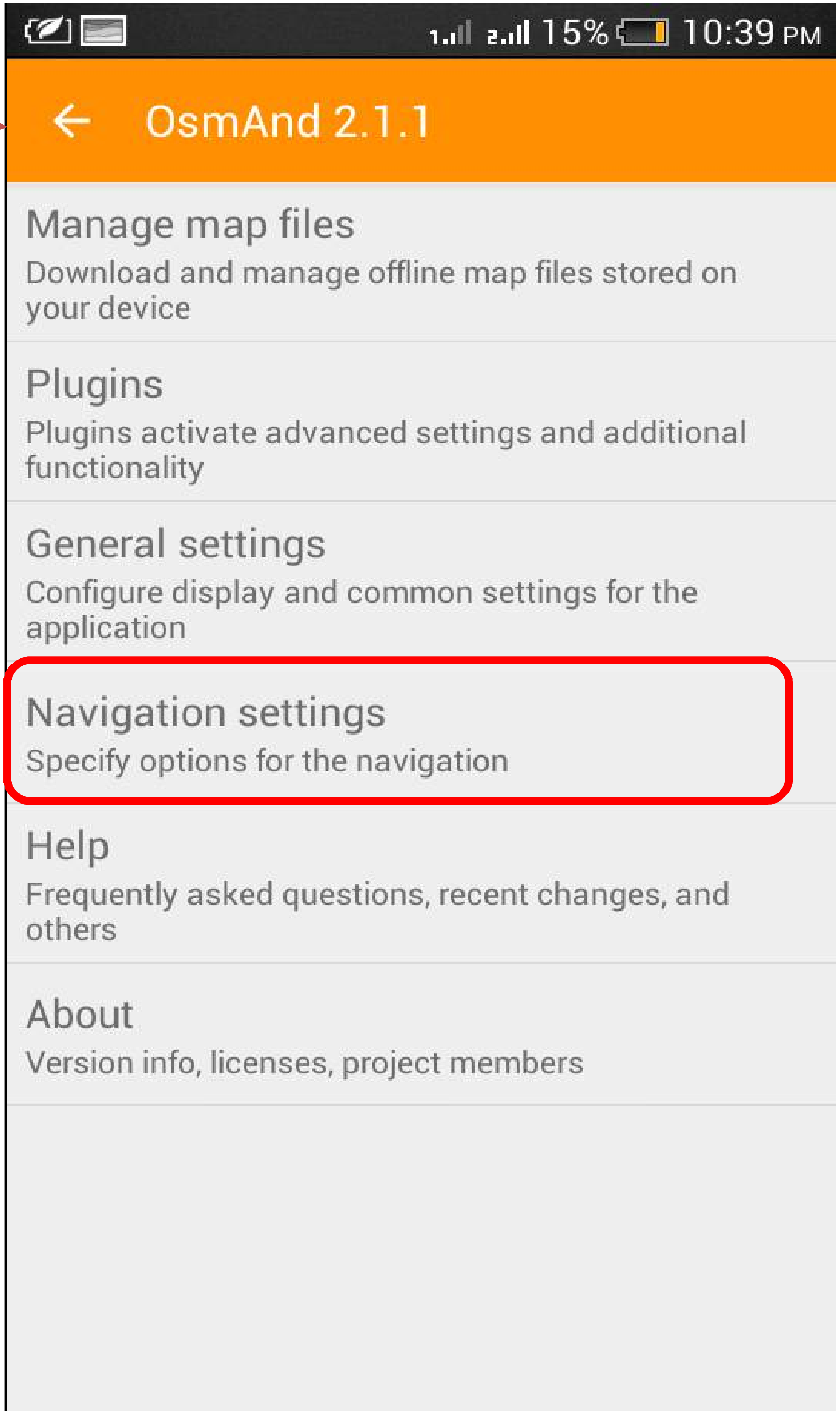
Version info, licenses, project members


10:44 PM
Global app settings
Default profile [Car]
Map view and navigation settings are remembered per use profile. Set your default profile here.
Map orientation
Select map screen alignment
Screen orientation
Portrait, landscape, or device
LOCALIZATION
Display language
Select display language (please restart OsmAnd after changing)
Driving region [UK, India, Australia & Othe
Select driving region: US, Europe, UK, Asia, and Others
Unit of measure
Change units of length and speed
VOICE
Voice guidance
Select voice guidance for navigation
Voice guidance output


10:45 PM
Global app settings
Select map screen alignment
Screen orientation
Portrait, landscape, or device
Unit of measure
Kilometers/meters
Miles/feet
Miles/yards
Cancel
Voice guidance
Select voice guidance for navigation
Voice guidance output
Choose channel to play voice guidance (system-dependent)
Interrupt music


83% 9:11 AM
Rajendra Nagar
Waypoints (1)
Destination: Dairy Farm
3.49 km
Search for
HISTORY
POI
Address
Coordinates
History
SHOW ALL
AO T Home
13.8 km
Dairy Farm


15% 10:39 PM
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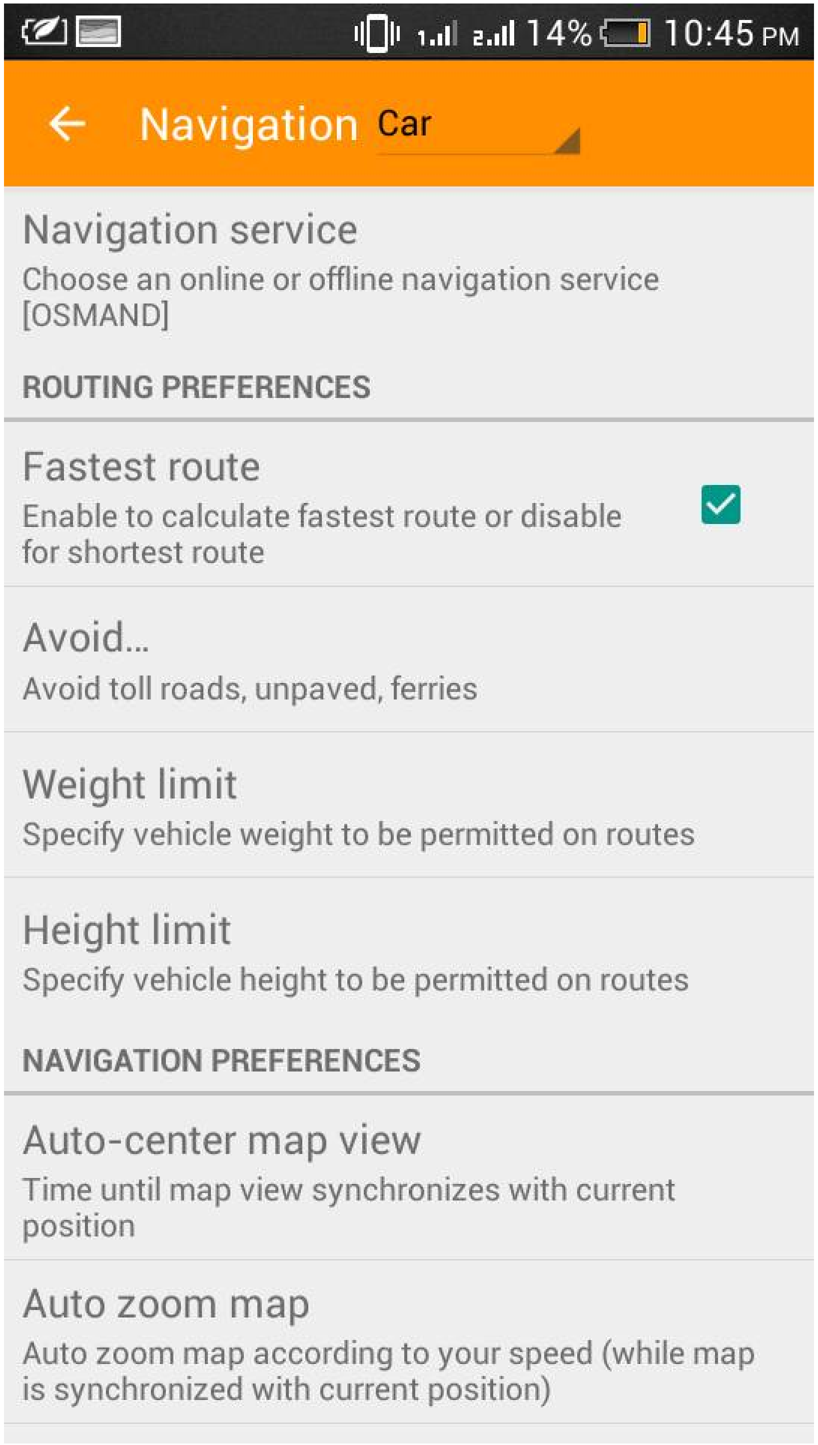
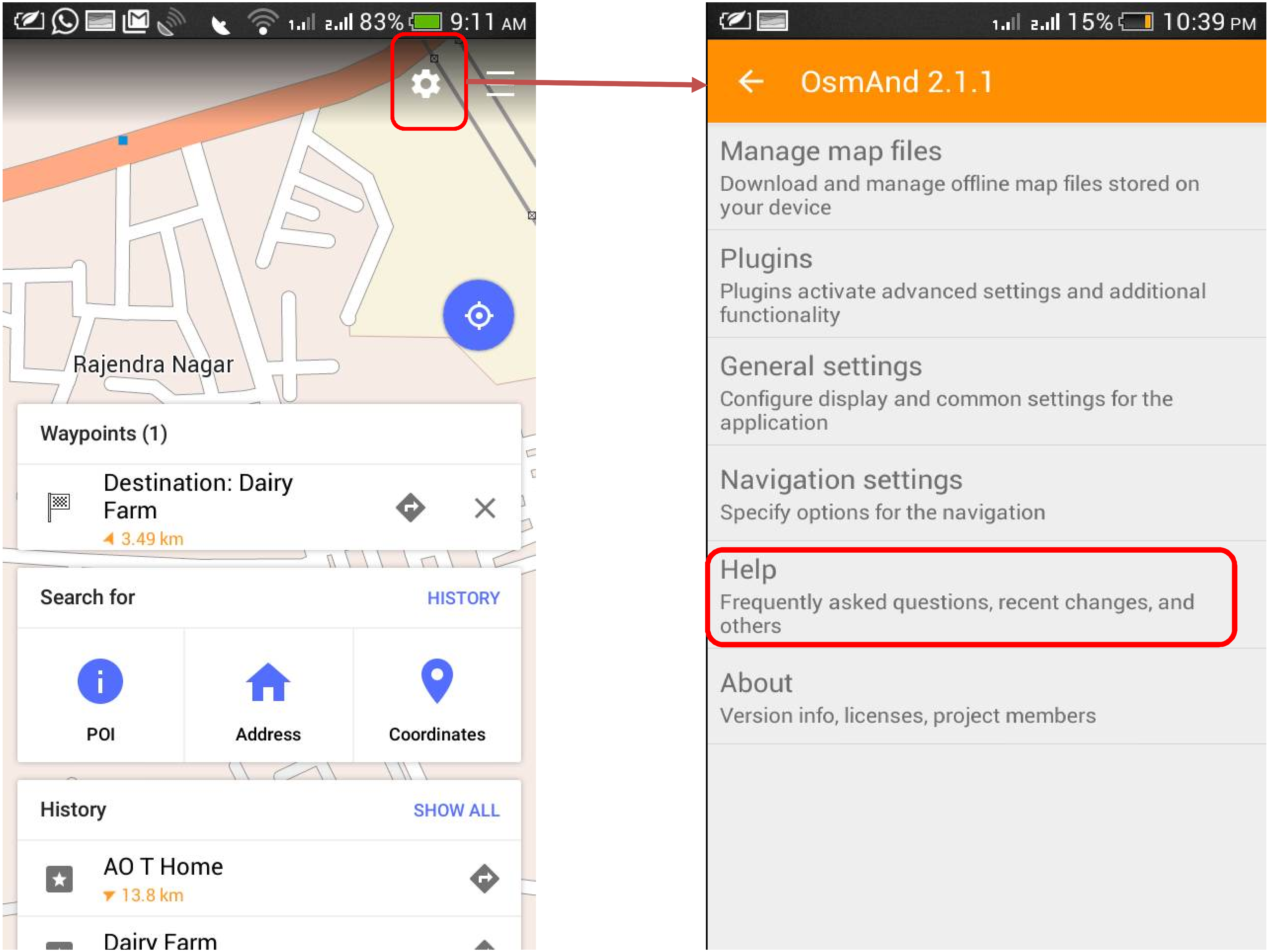

14%
10:45 PM
Navigation
Car
Navigation service
Choose an online or offline navigation service [OSMAND]
ROUTING PREFERENCES
Fastest route
Enable to calculate fastest route or disable for shortest route
Avoid...
Avoid toll roads, unpaved, ferries
Weight limit
Specify vehicle weight to be permitted on routes
Height limit
Specify vehicle height to be permitted on routes
NAVIGATION PREFERENCES
Auto-center map view
Time until map view synchronizes with current position
Auto zoom map
Auto zoom map according to your speed (while map is synchronized with current position)


83% 9:11 AM
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Address
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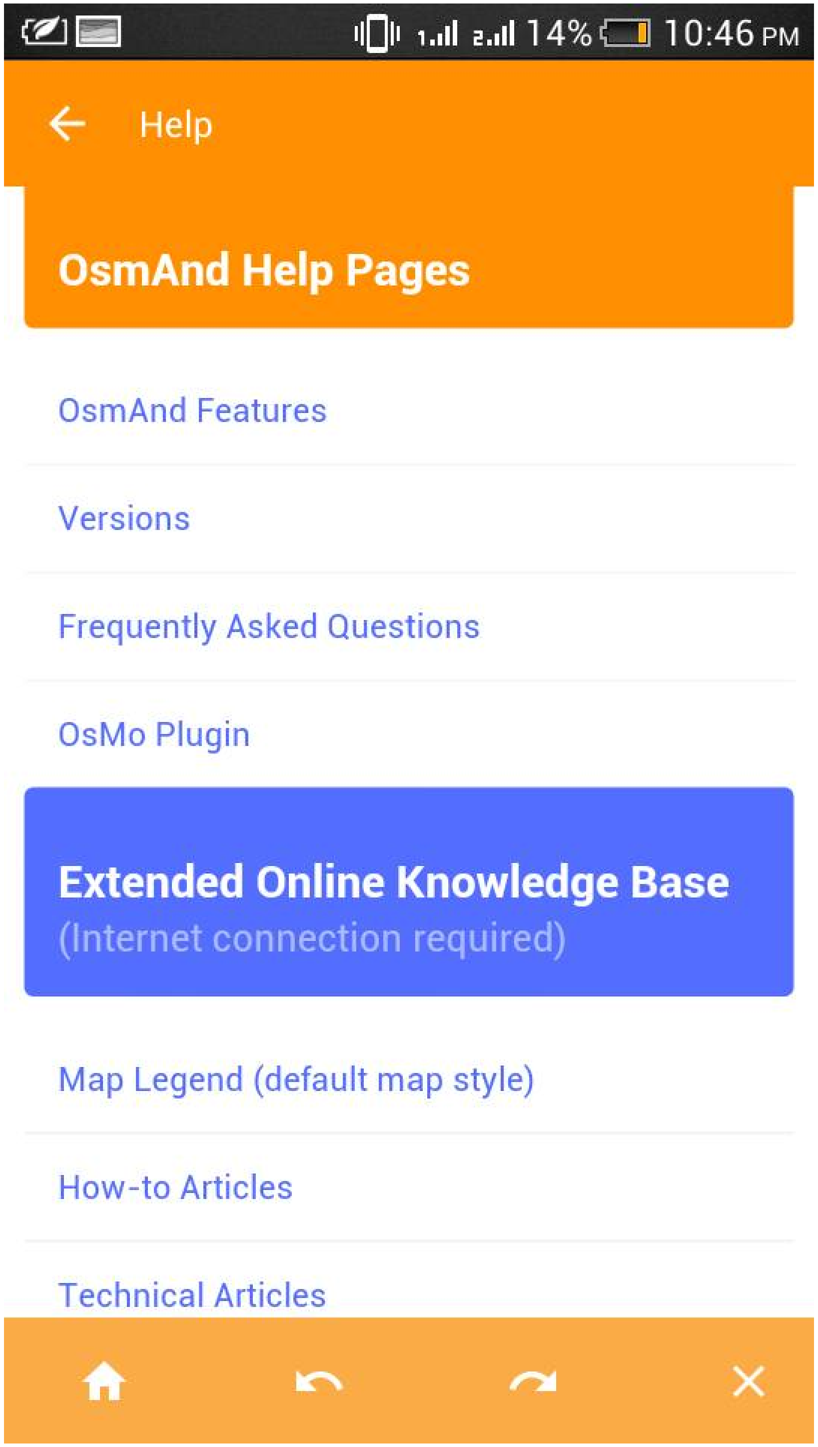
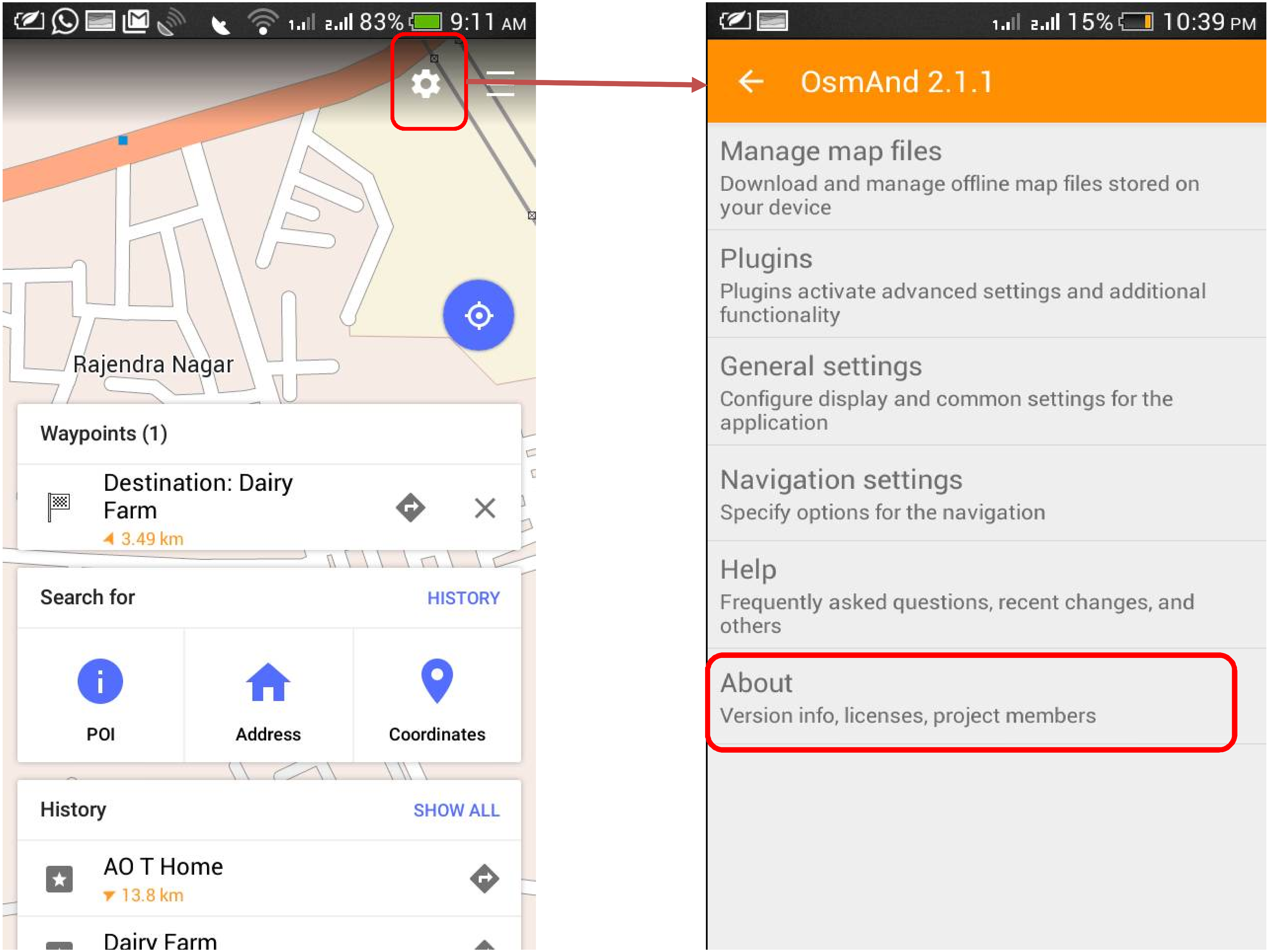

14%
10:46 PM
Help
OsmAnd Help Pages
OsmAnd Features
Versions
Frequently Asked Questions
OsMo Plugin
Extended Online Knowledge Base
(Internet connection required)
Map Legend (default map style)
How-to Articles
Technical Articles


83% 9:11 AM
Rajendra Nagar
Waypoints (1)
Destination: Dairy Farm
3.49 km
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HISTORY
POI
Address
Coordinates
History
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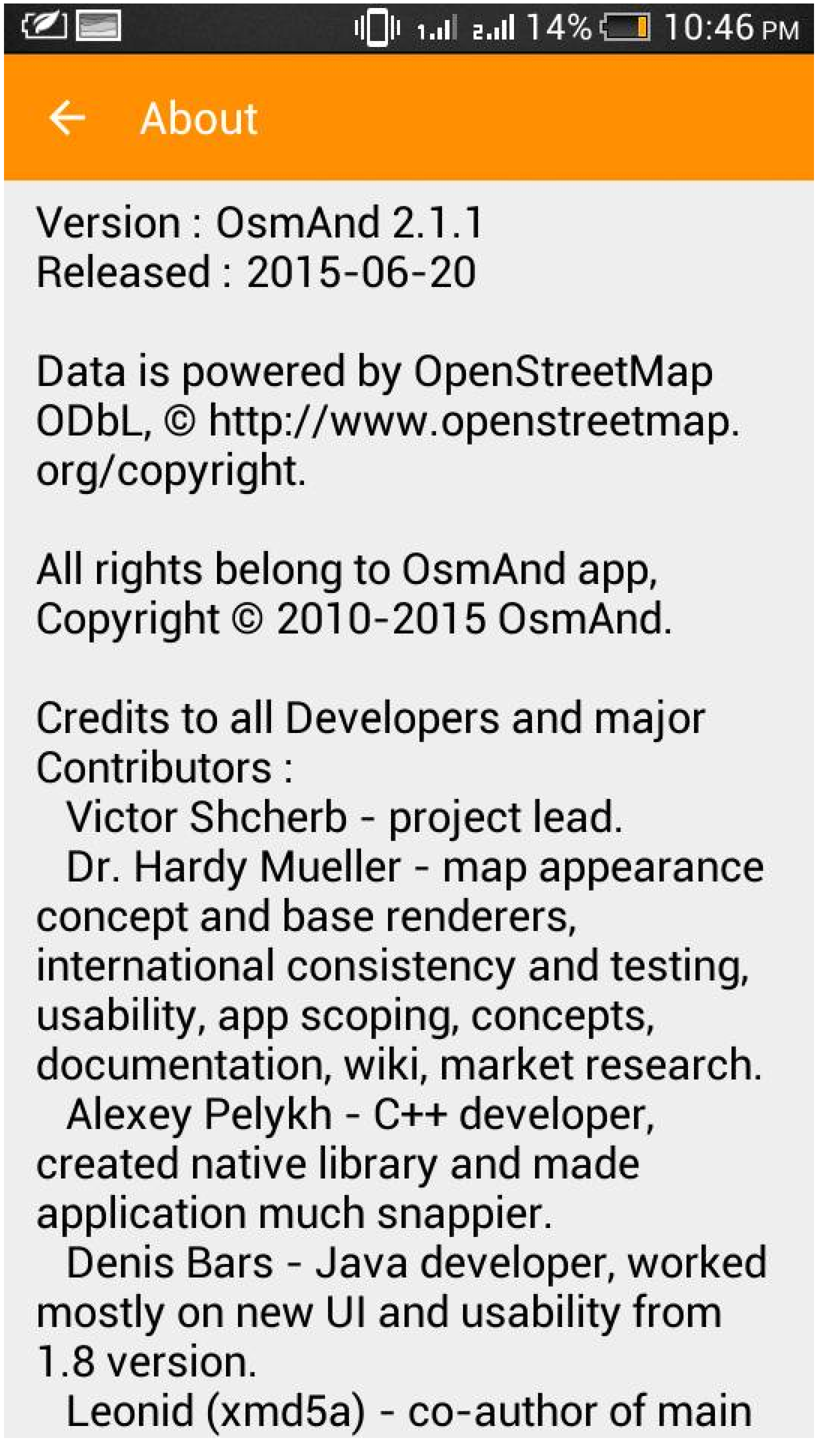
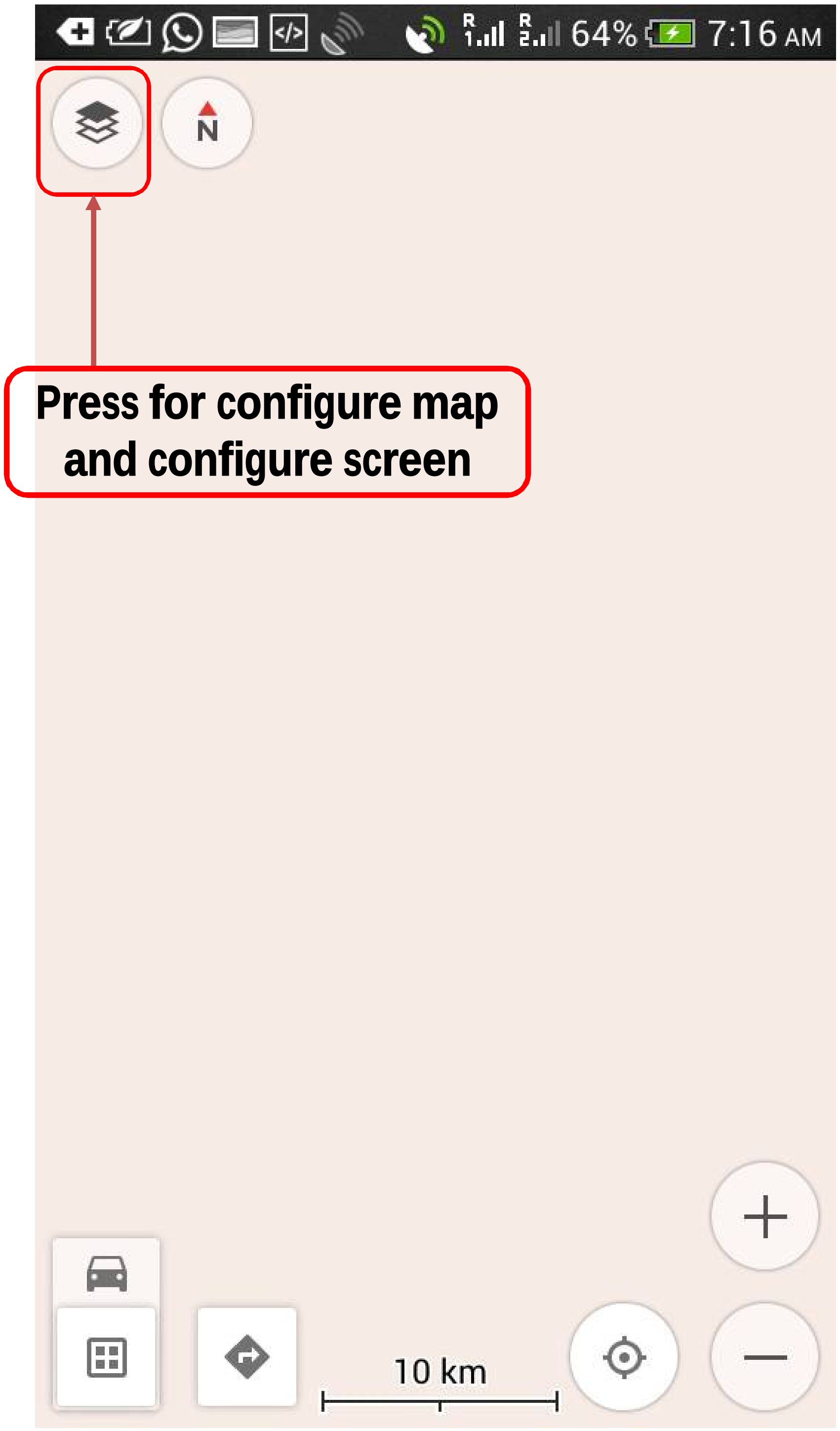
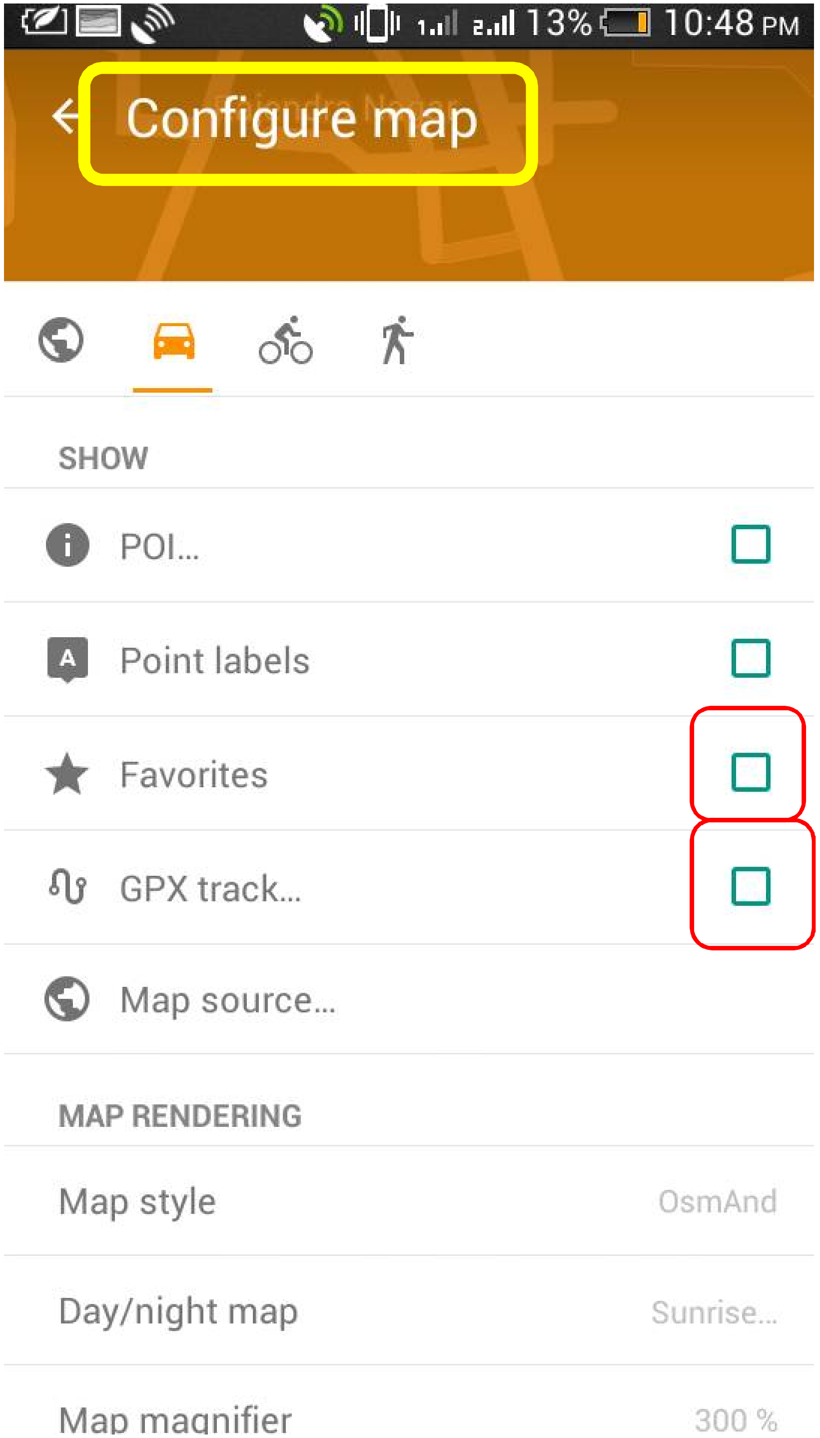
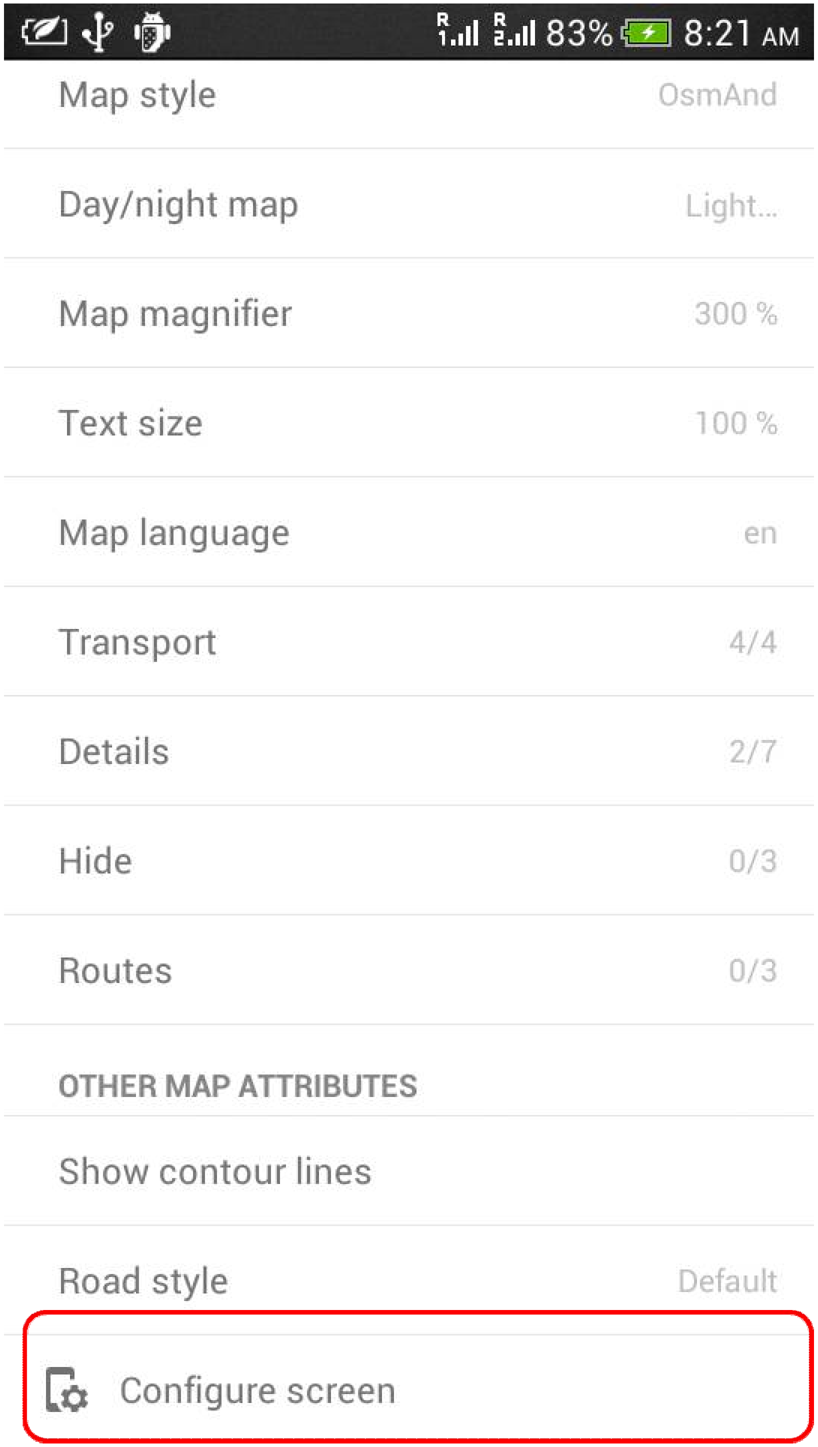
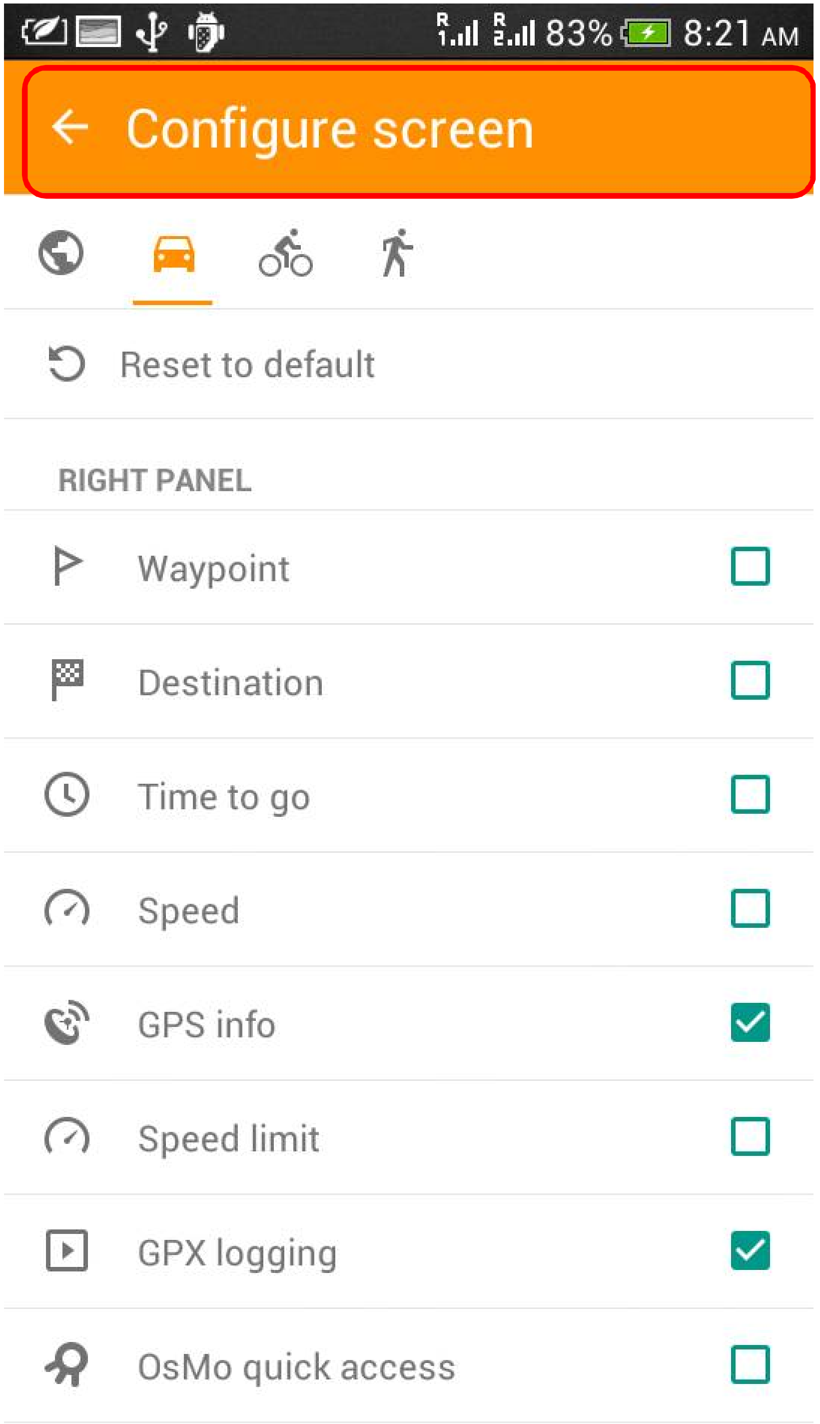
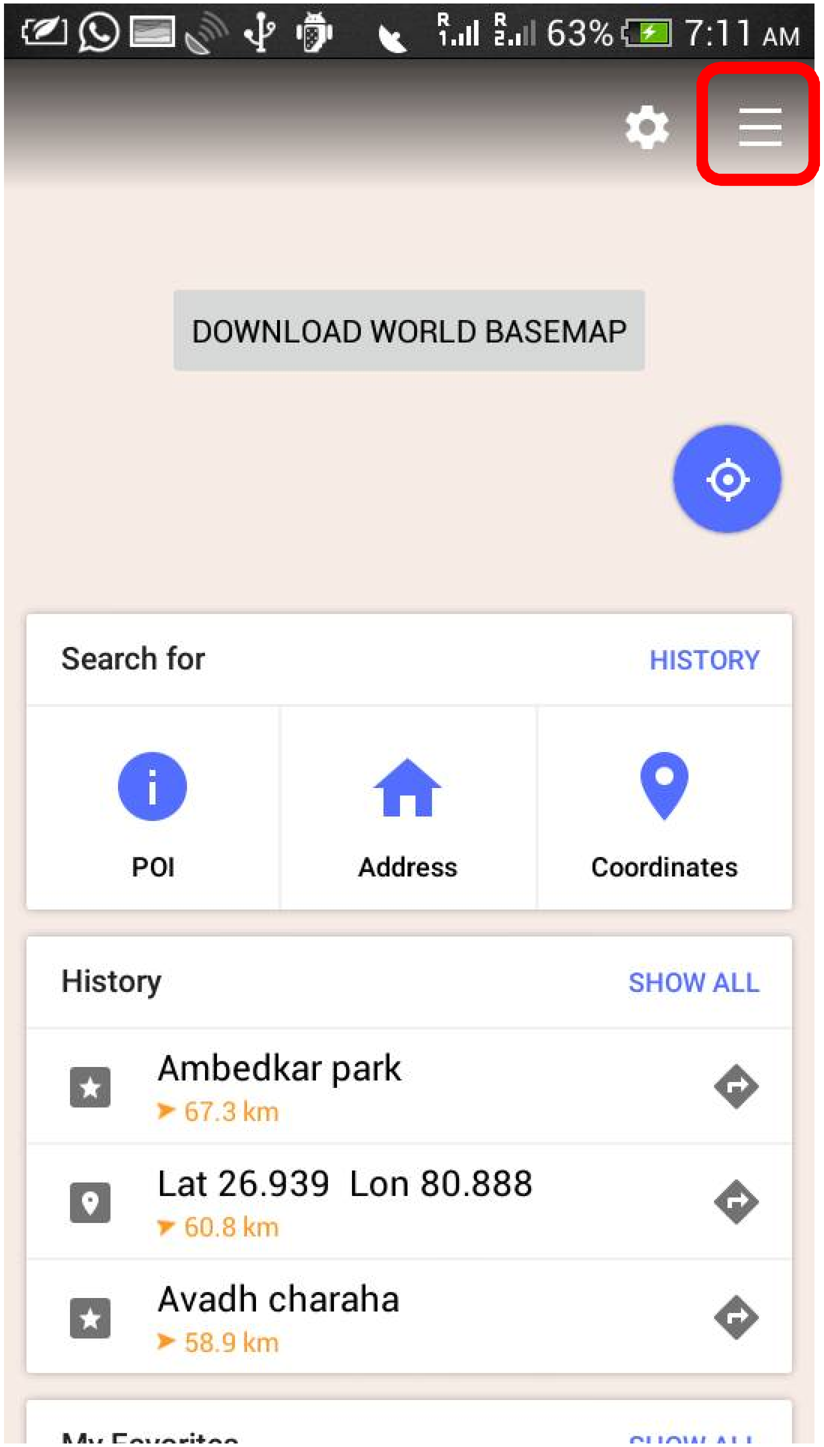

14% 10:46 PM
About
Version : OsmAnd 2.1.1
Released : 2015-06-20
Data is powered by OpenStreetMap ODbL, © http://www.openstreetmap.org/copyright.
All rights belong to OsmAnd app, Copyright © 2010-2015 OsmAnd.
Credits to all Developers and major Contributors :
Victor Shcherb - project lead.
Dr. Hardy Mueller - map appearance concept and base renderers, international consistency and testing, usability, app scoping, concepts, documentation, wiki, market research.
Alexey Pelykh - C++ developer, created native library and made application much snappier.
Denis Bars - Java developer, worked mostly on new UI and usability from 1.8 version.
Leonid (xmd5a) - co-author of main

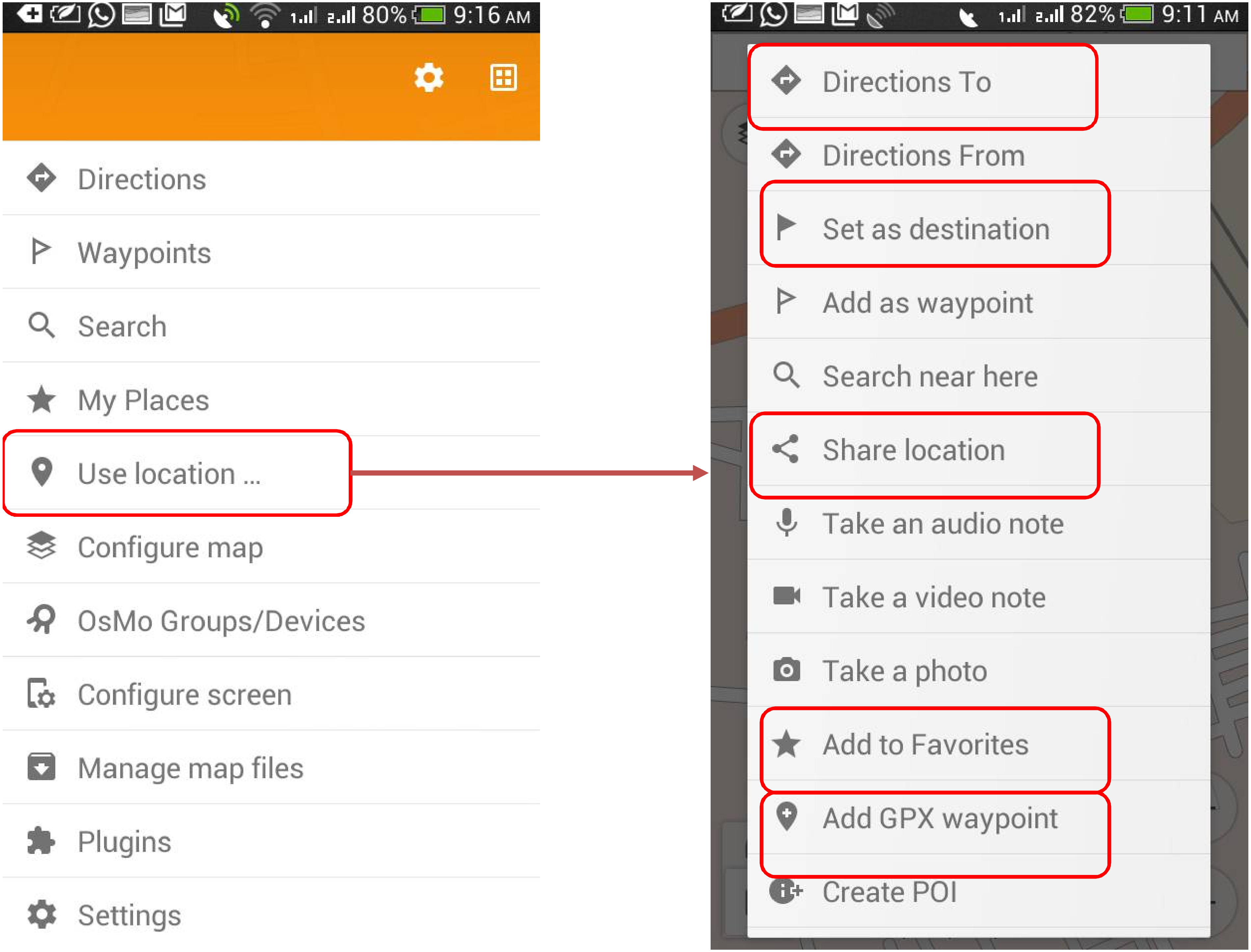

64% 7:16 AM
N
Press for configure map
and configure screen
10 km

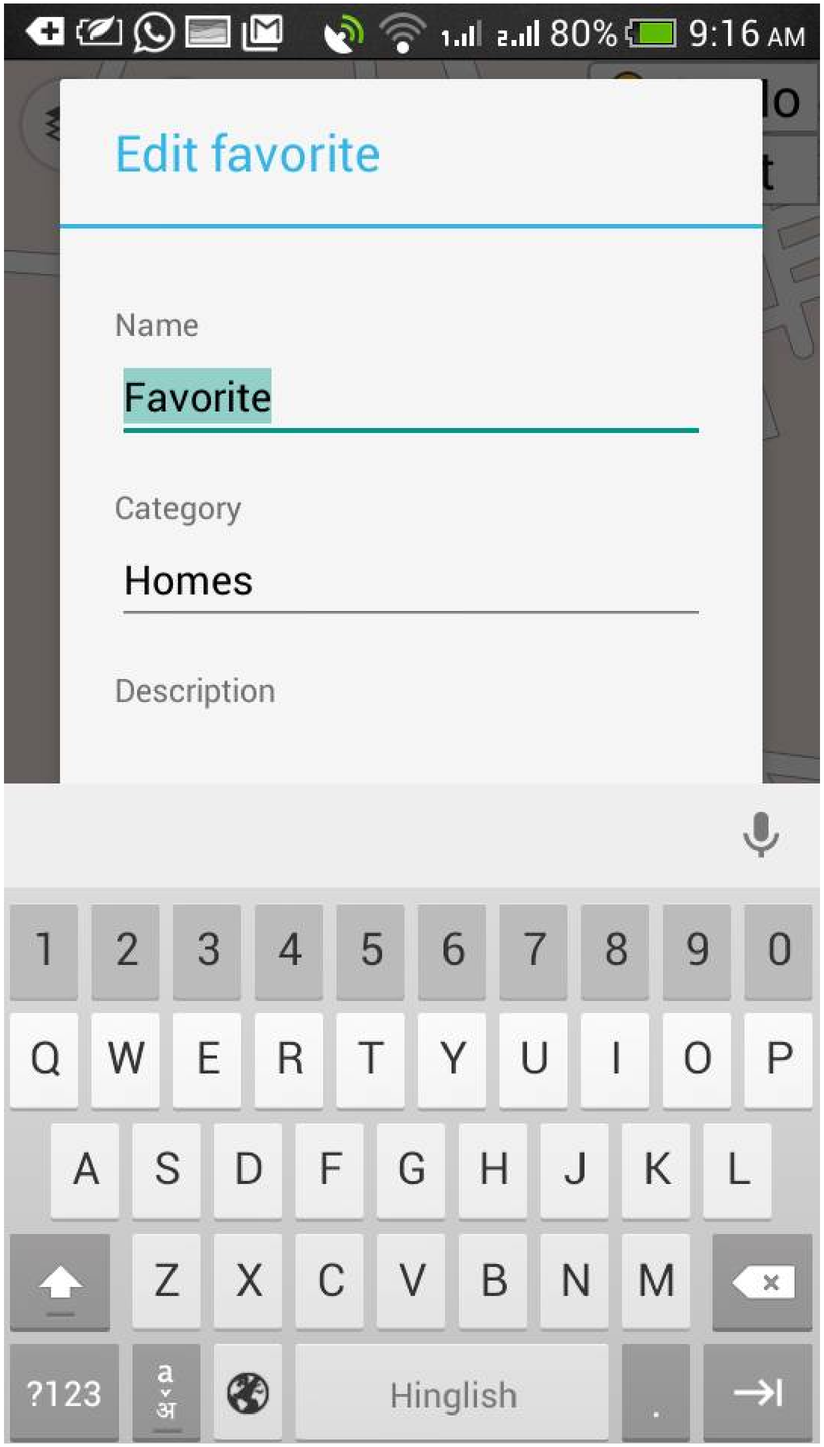

13% 10:48 PM
Configure map
SHOW
POI...
Point labels
Favorites
GPX track...
Map source...
MAP RENDERING
Map style
OsmAnd
Day/night map
Sunrise...
Map magnifier
300 %

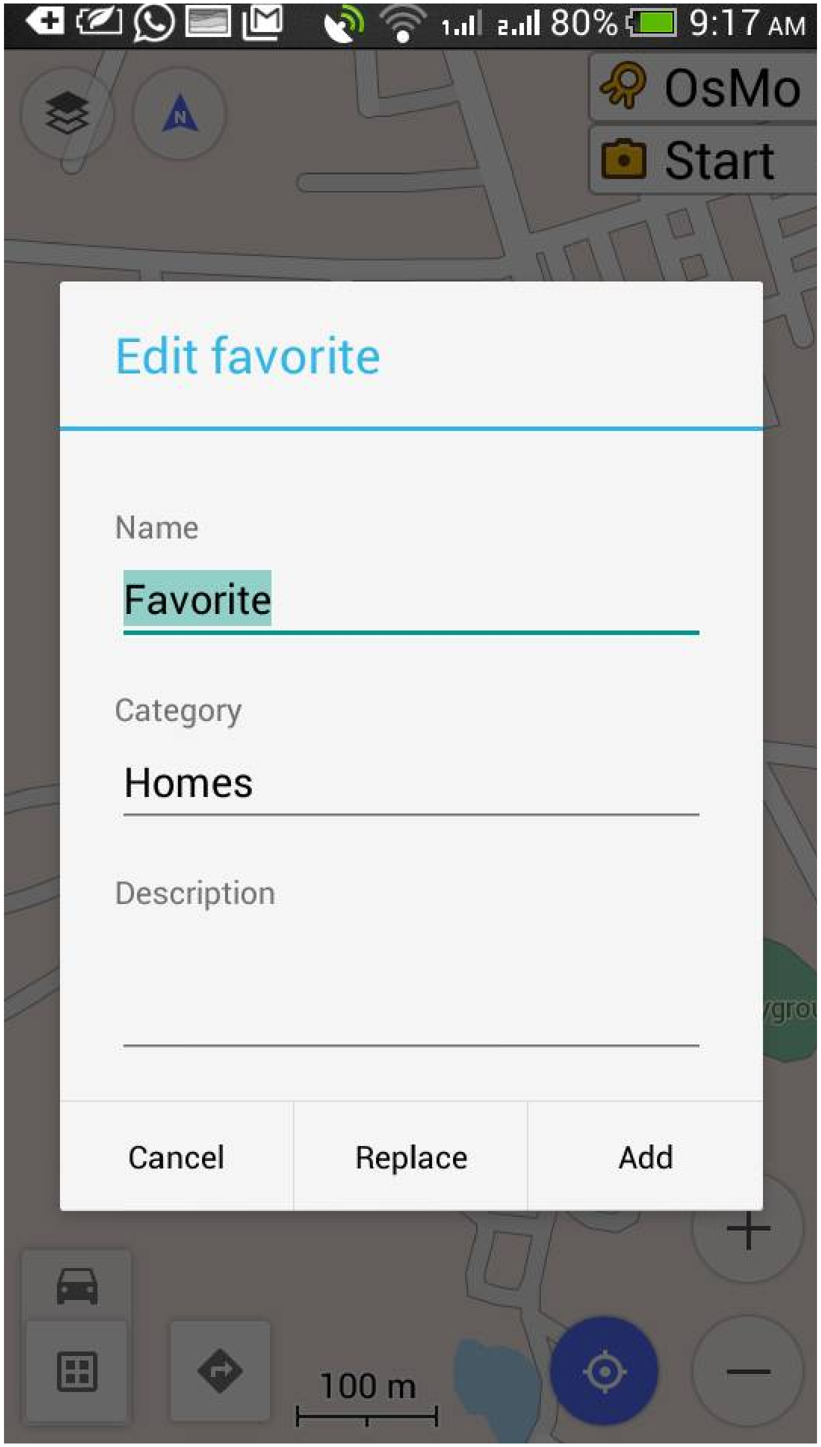

83% 8:21 AM
Map style
OsmAnd
Day/night map
Light...
Map magnifier
300 %
Text size
100 %
Map language
en
Transport
4/4
Details
2/7
Hide
0/3
Routes
0/3
OTHER MAP ATTRIBUTES
Show contour lines
Road style
Default
Configure screen

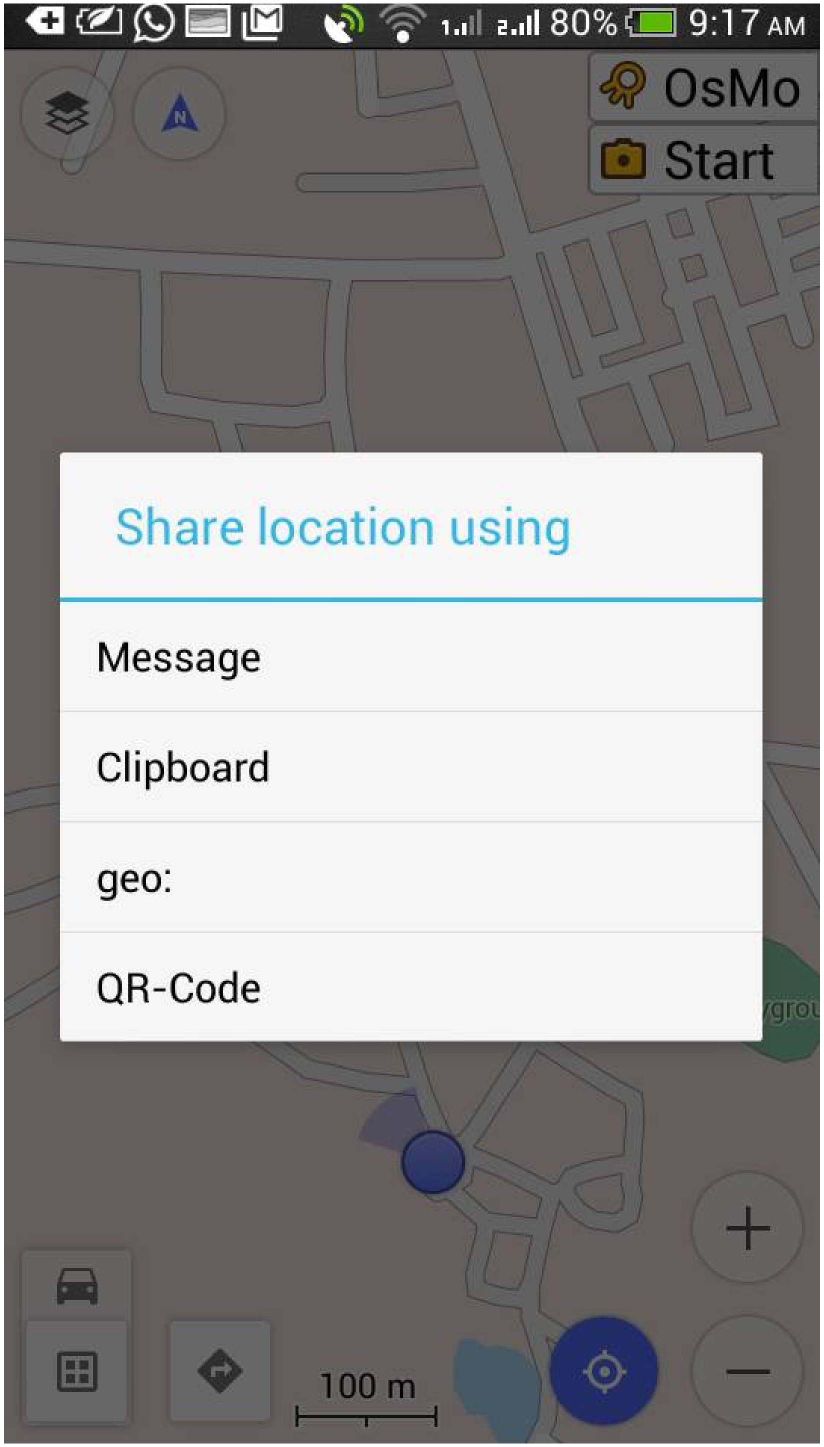

83% 8:21 AM
Configure screen
Reset to default
RIGHT PANEL
Waypoint
Destination
Time to go
Speed
GPS info
Speed limit
GPX logging
OsMo quick access

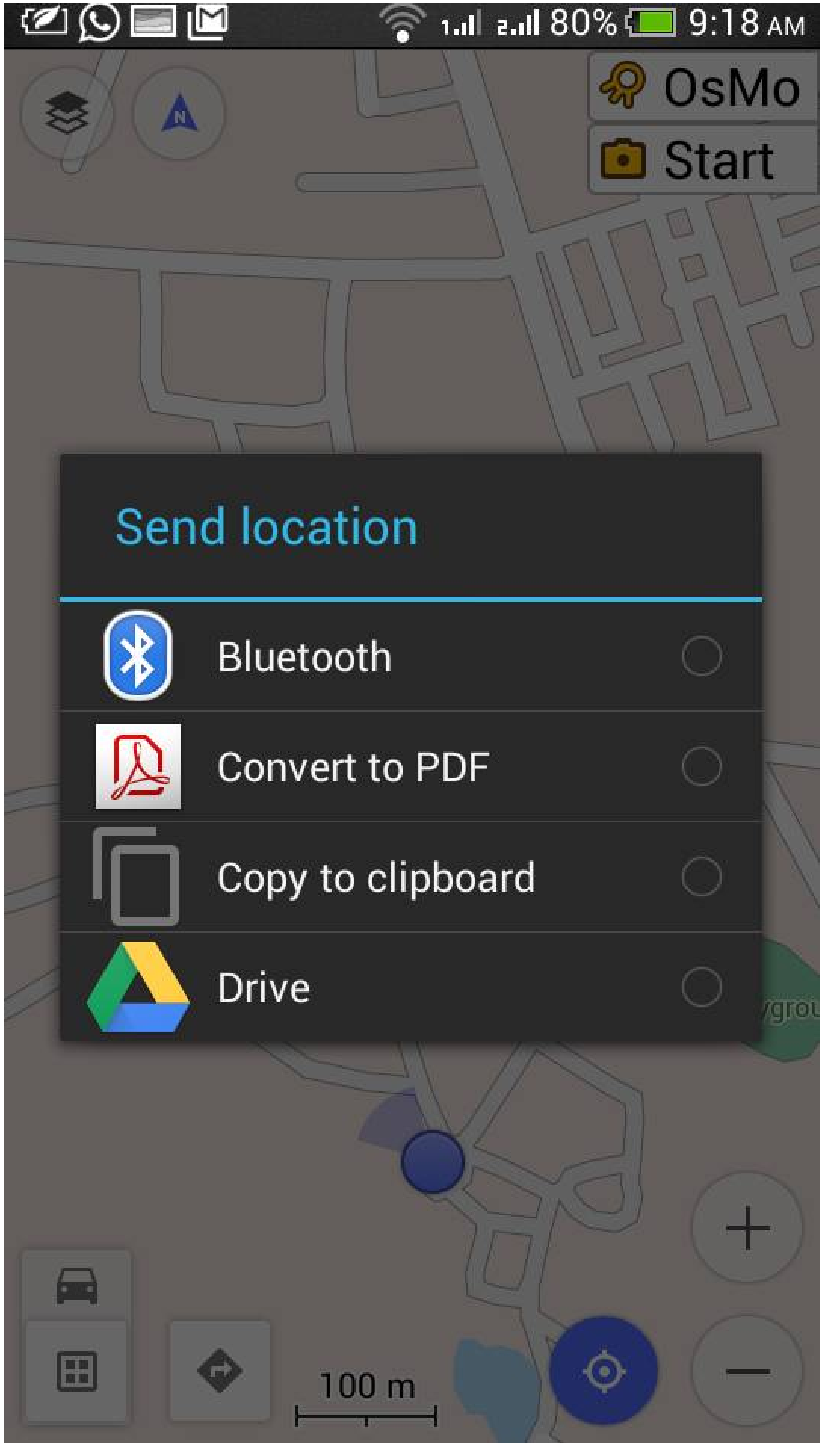

63%
7:11 AM
DOWNLOAD WORLD BASEMAP
Search for
HISTORY
POI
Address
Coordinates
History
SHOW ALL
Ambedkar park
67.3 km
Lat 26.939 Lon 80.888
60.8 km
Avadh charaha
58.9 km

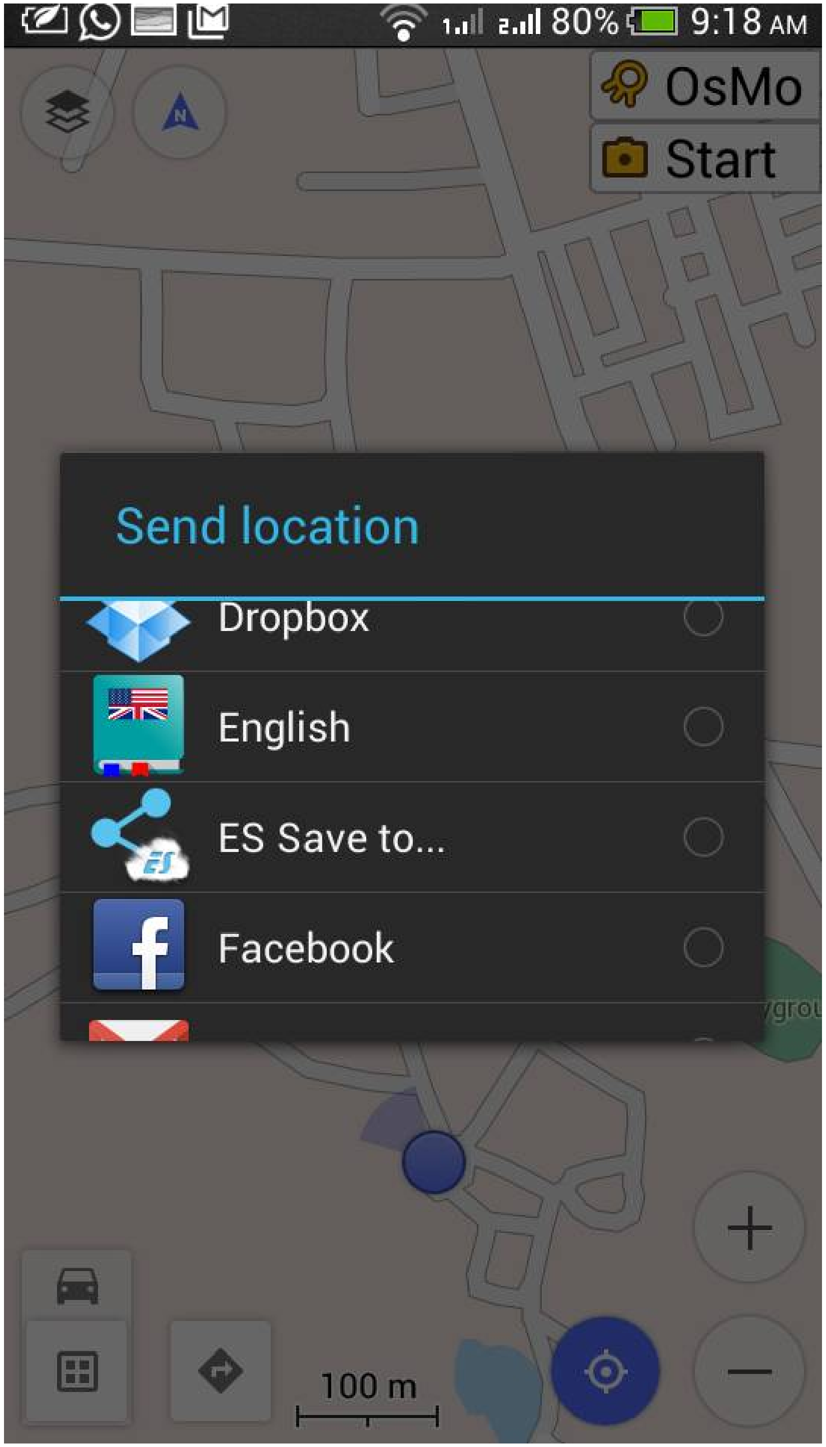

80% 9:16 AM
Directions
Waypoints
Search
My Places
Use location ...
Configure map
OsMo Groups/Devices
Configure screen
Manage map files
Plugins
Settings
82% 9:11 AM
Directions To
Directions From
Set as destination
Add as waypoint
Search near here
Share location
Take an audio note
Take a video note
Take a photo
Add to Favorites
Add GPX waypoint
Create POI

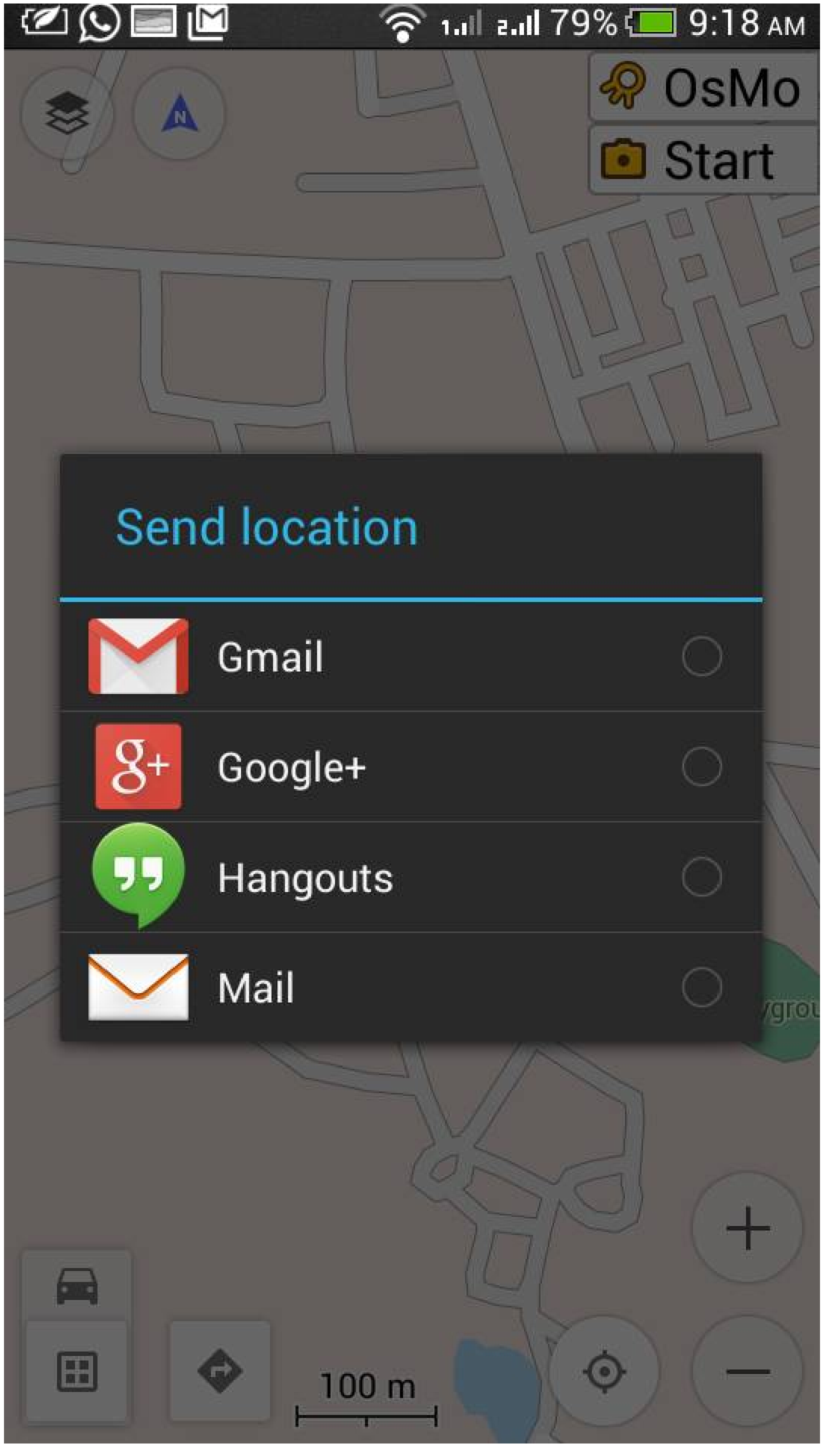

9:16 AM
Edit favorite
Name
Favorite
Category
Homes
Description
Hinglish
?123

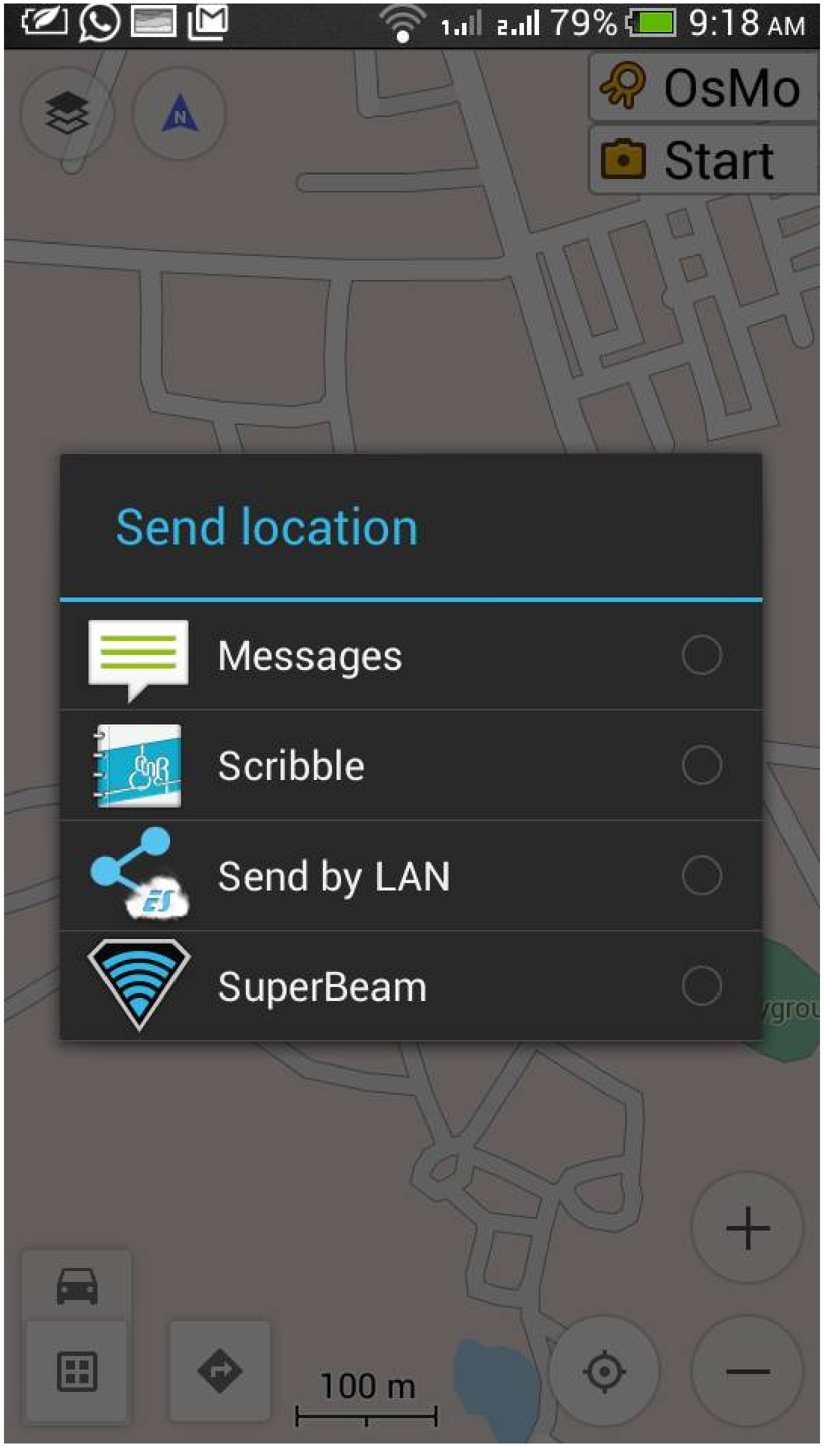

9:17 AM
OsMo
Start
Edit favorite
Name
Favorite
Category
Homes
Description
Cancel
Replace
Add
100 m

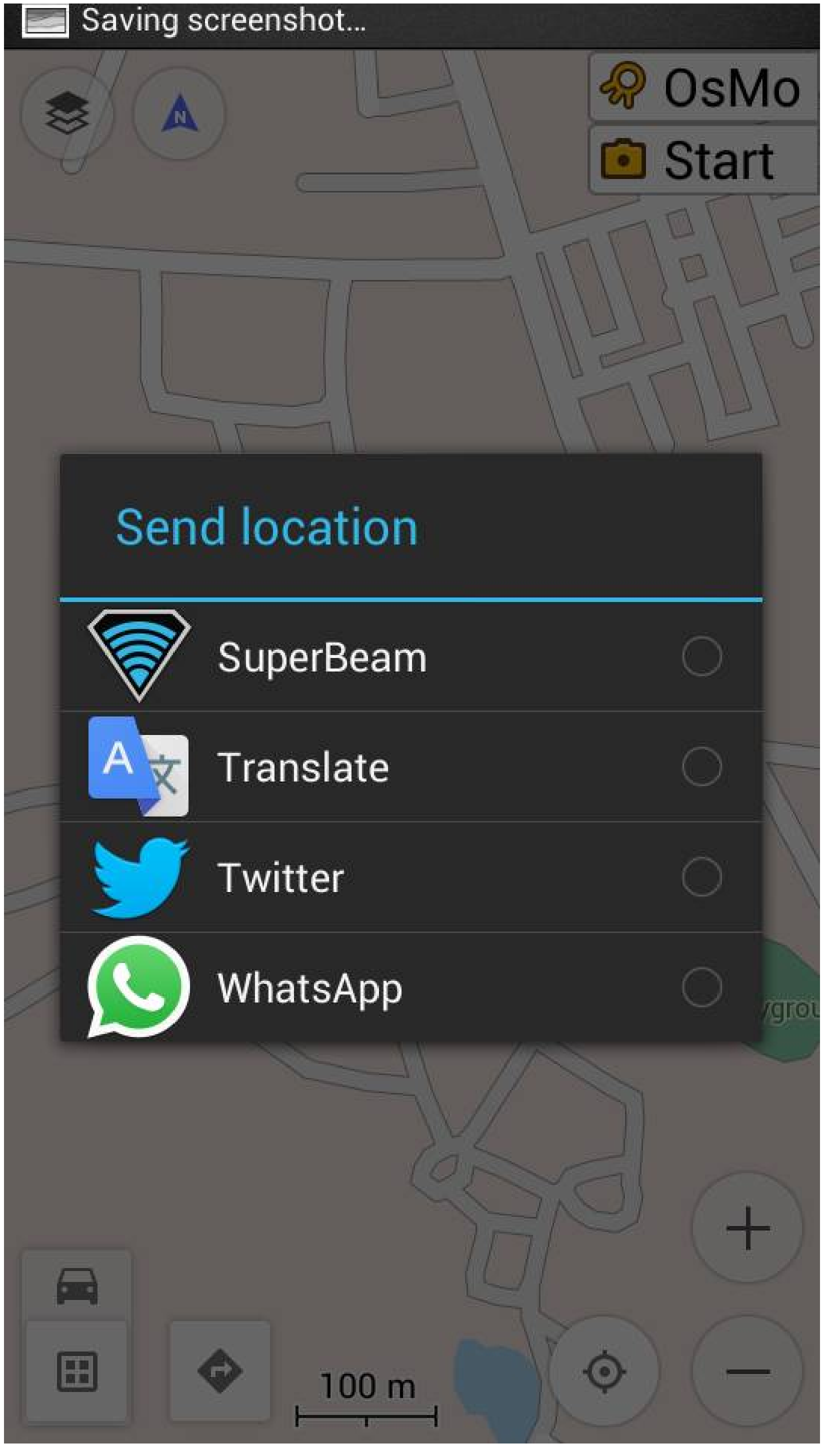

80% 9:17 AM
OsMo
Start
Share location using
Message
Clipboard
geo:
QR-Code
100 m

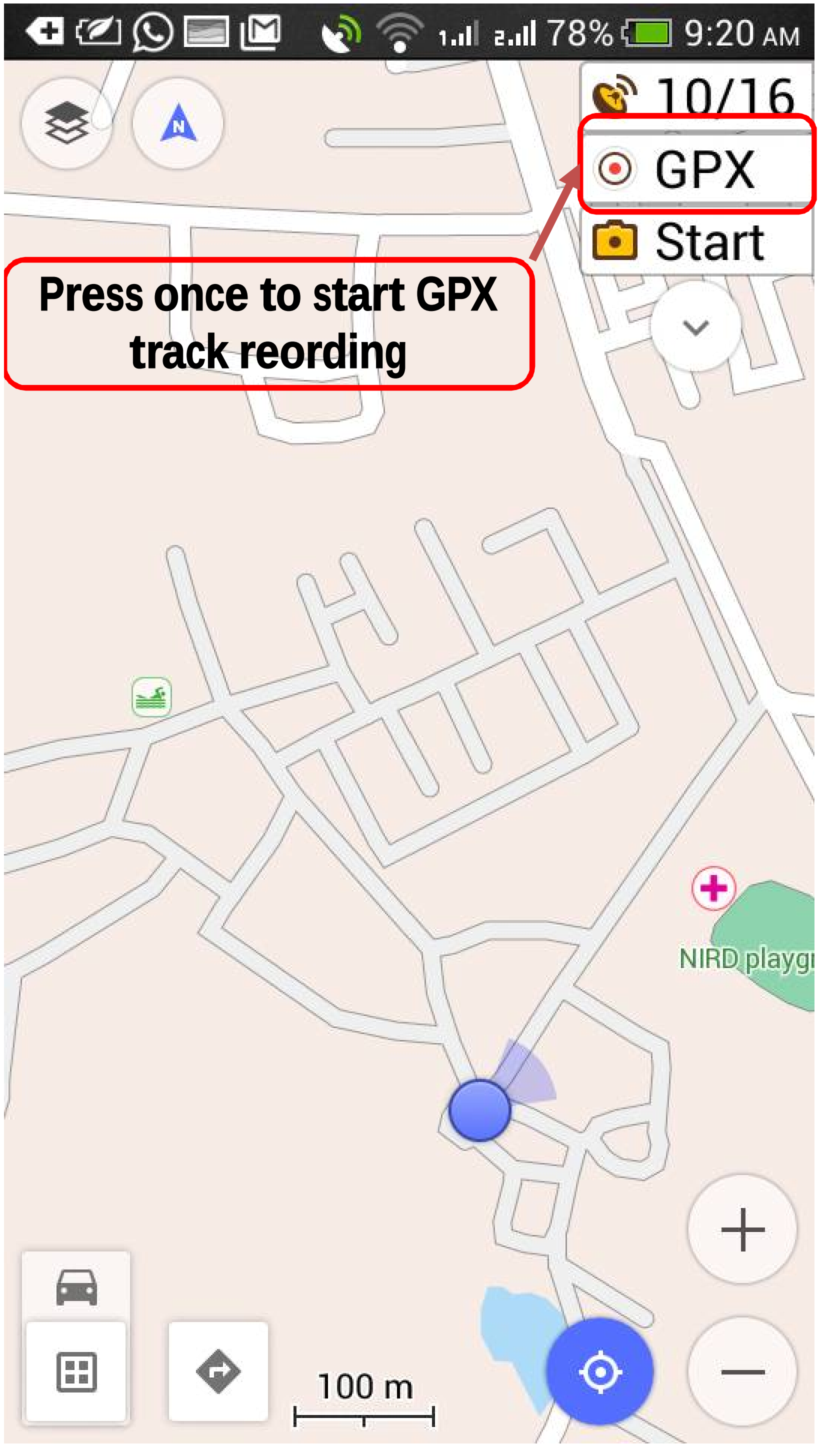

80% 9:18 AM
OsMo
Start
Send location
Bluetooth
Convert to PDF
Copy to clipboard
Drive
100 m


80% 9:18 AM
OsMo
Start
Send location
Dropbox
English
ES Save to...
Facebook
100 m

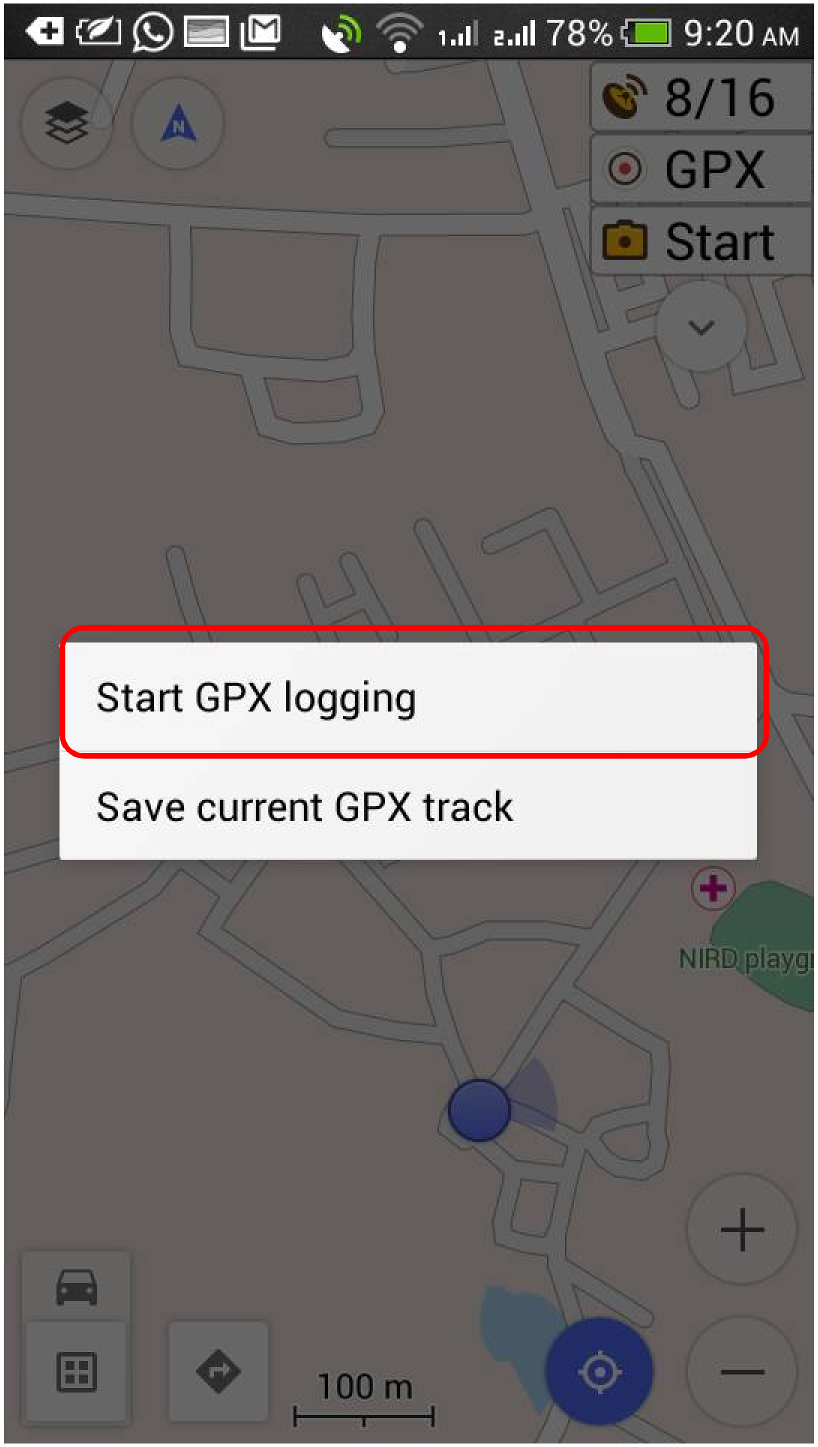

79% 9:18 AM
OsMo
Start
Send location
Gmail
Google+
Hangouts
Mail
100 m


79%
9:18 AM
OsMo
Start
Send location
Messages
Scribble
Send by LAN
SuperBeam
100 m

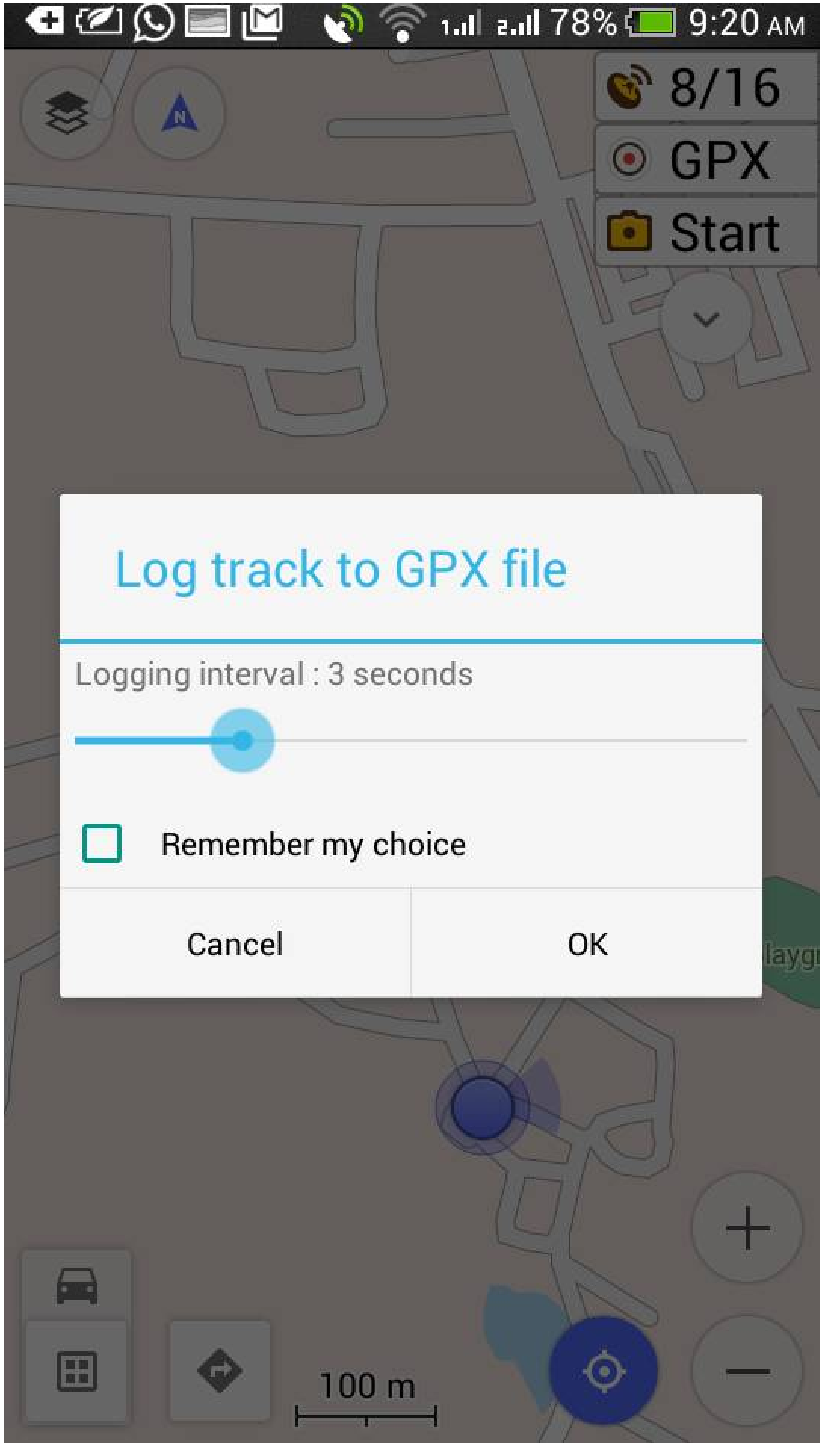

Saving screenshot...
OsMo
Start
Send location
SuperBeam
Translate
Twitter
WhatsApp
100 m

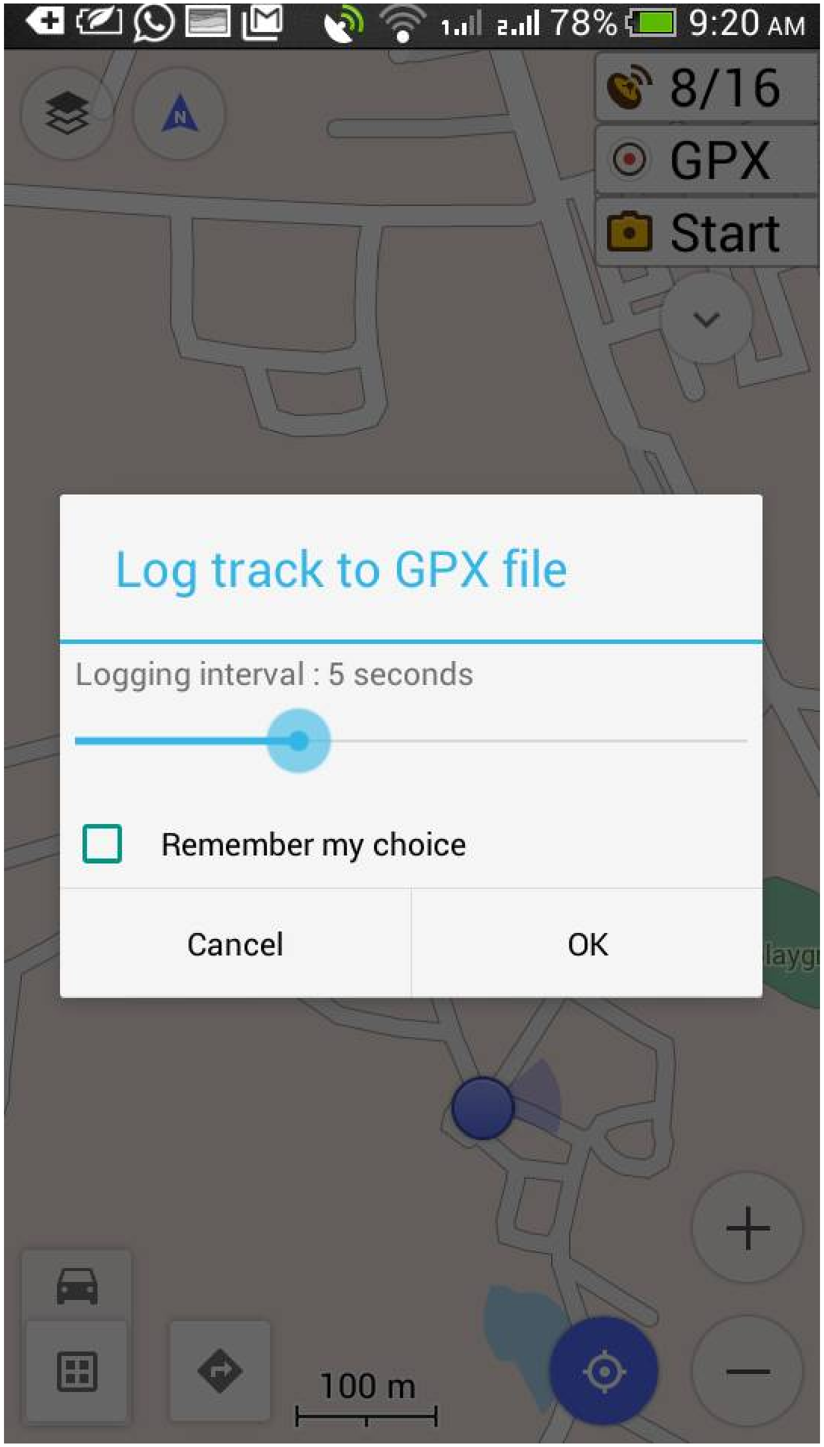


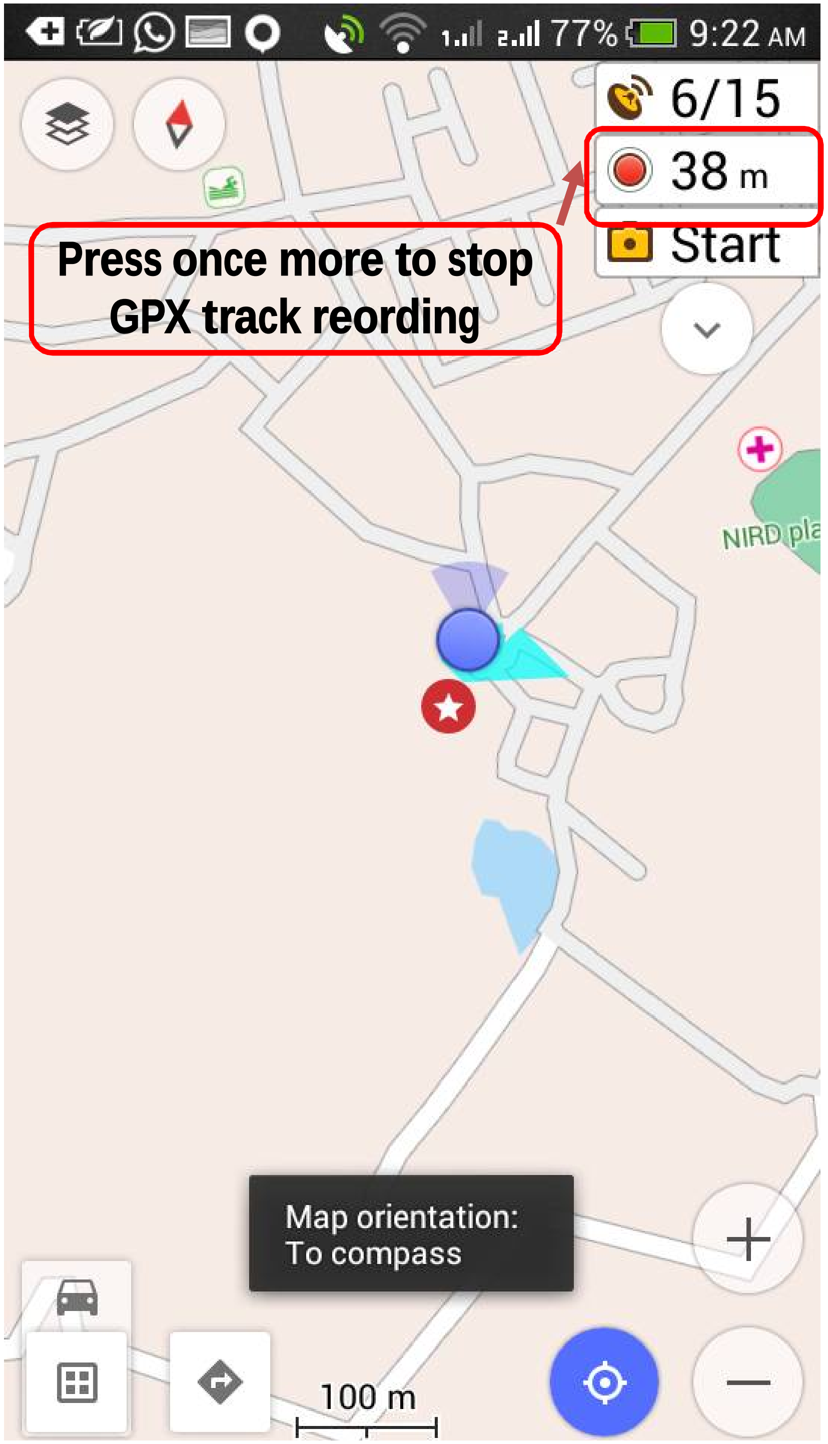
9:20 AM
10/16
GPX
Start
Press once to start GPX track reording
NIRD playgr
100 m

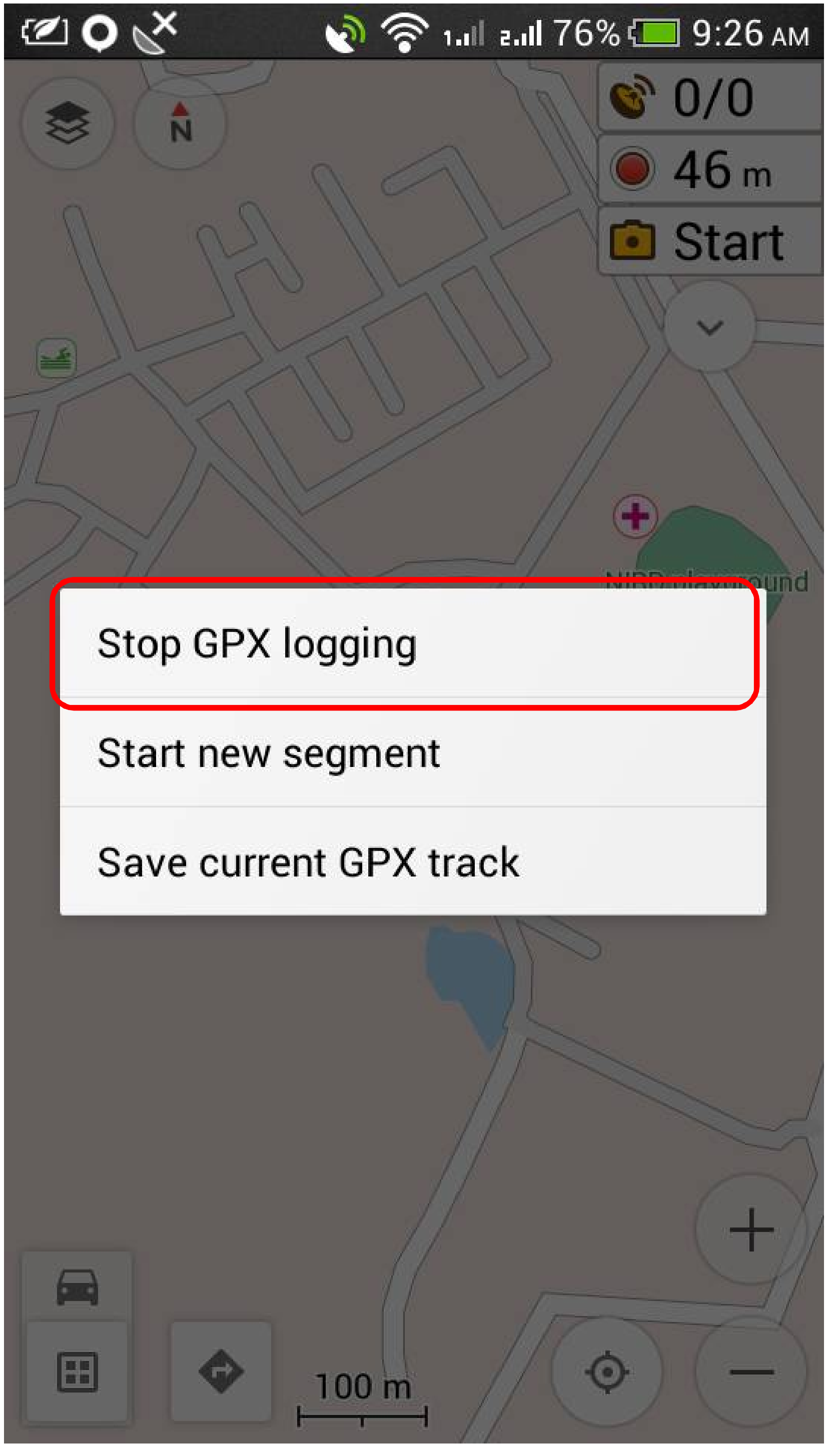


9:20 AM
8/16
GPX
Start
Start GPX logging
Save current GPX track
NIRD playgr
100 m

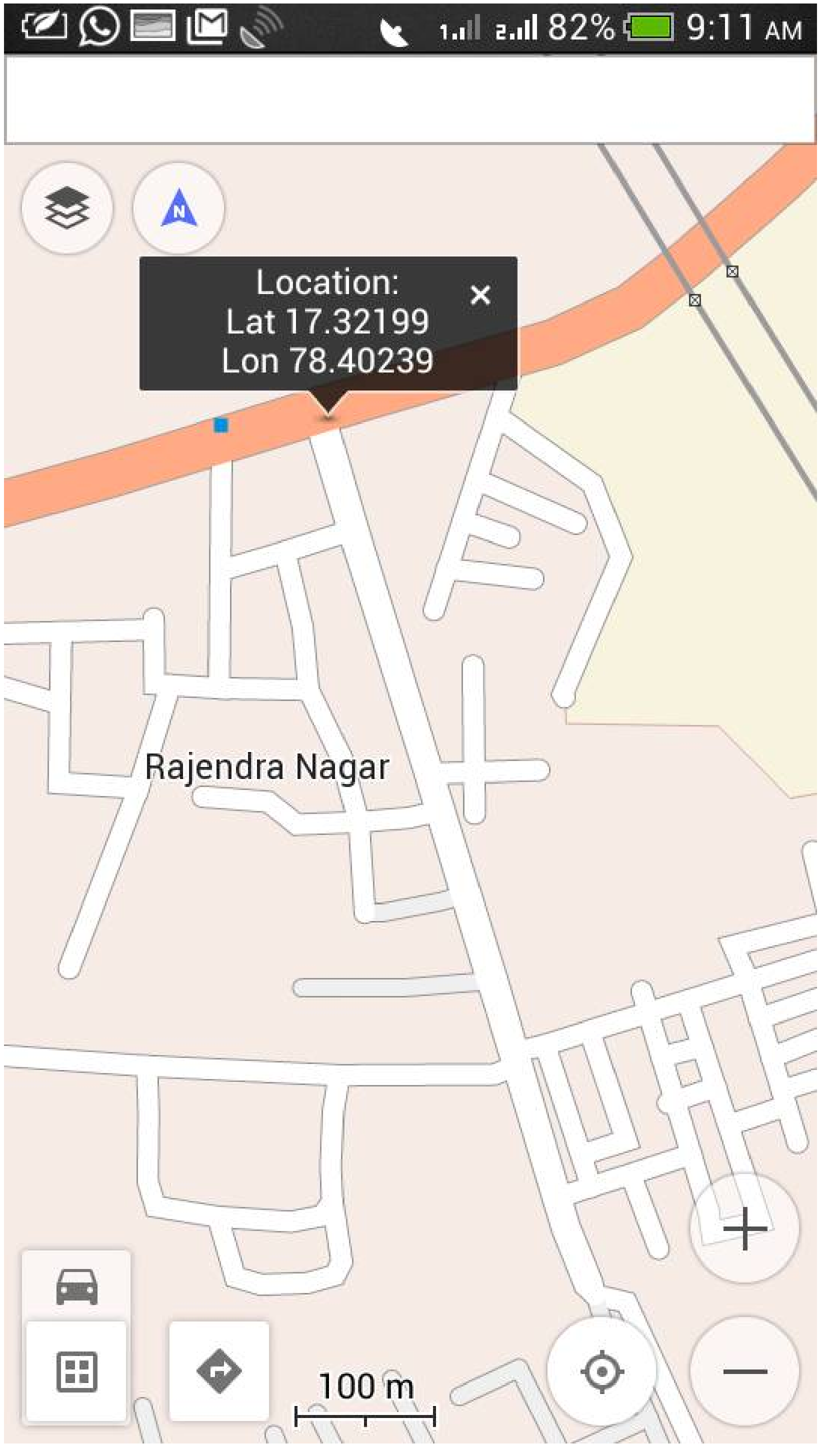

78%
9:20 AM
8/16
GPX
Start
Log track to GPX file
Logging interval : 3 seconds
Remember my choice
Cancel
OK
100 m

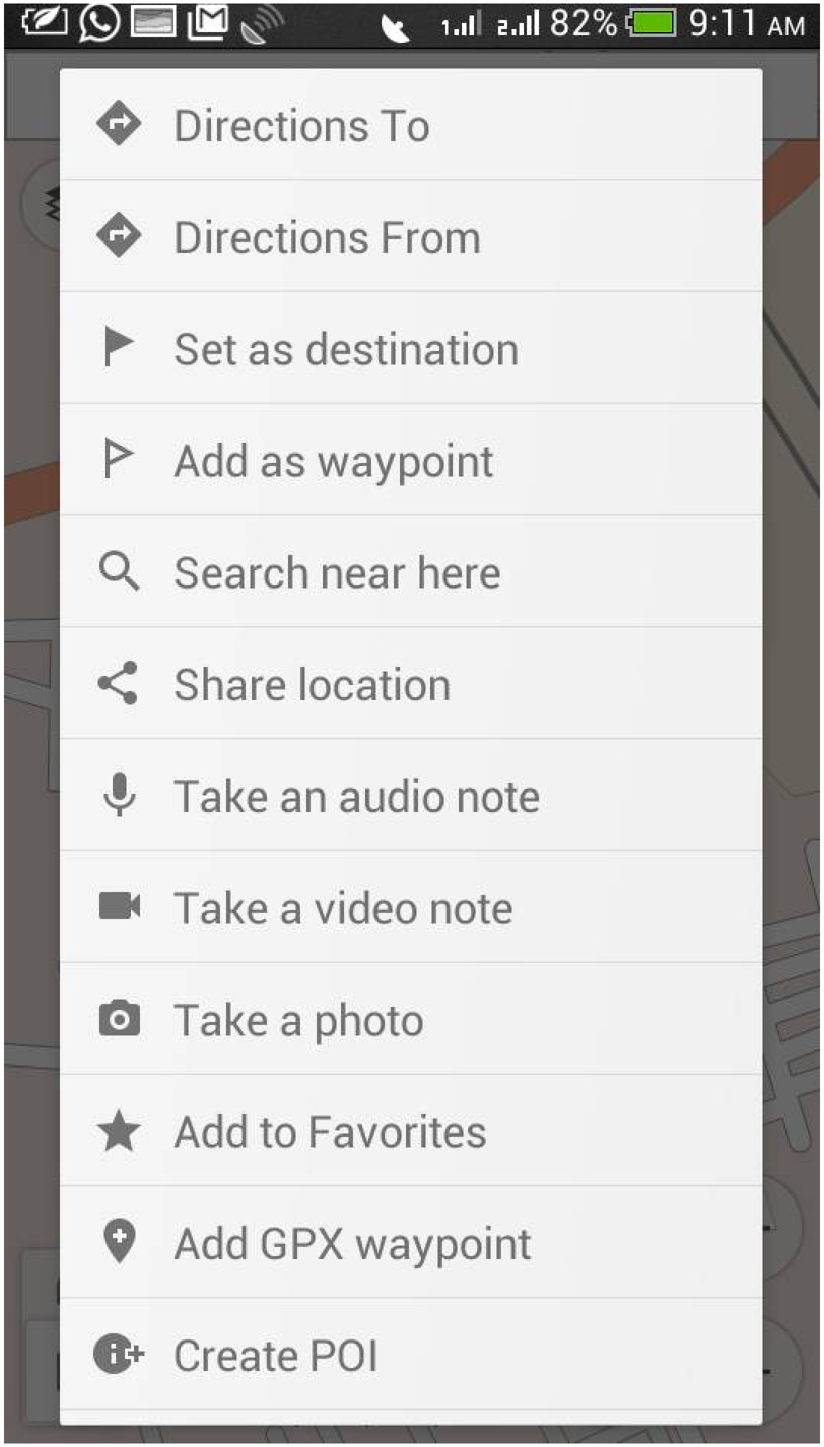

78%
9:20 AM
8/16
GPX
Start
Log track to GPX file
Logging interval : 5 seconds
Remember my choice
Cancel
OK
100 m

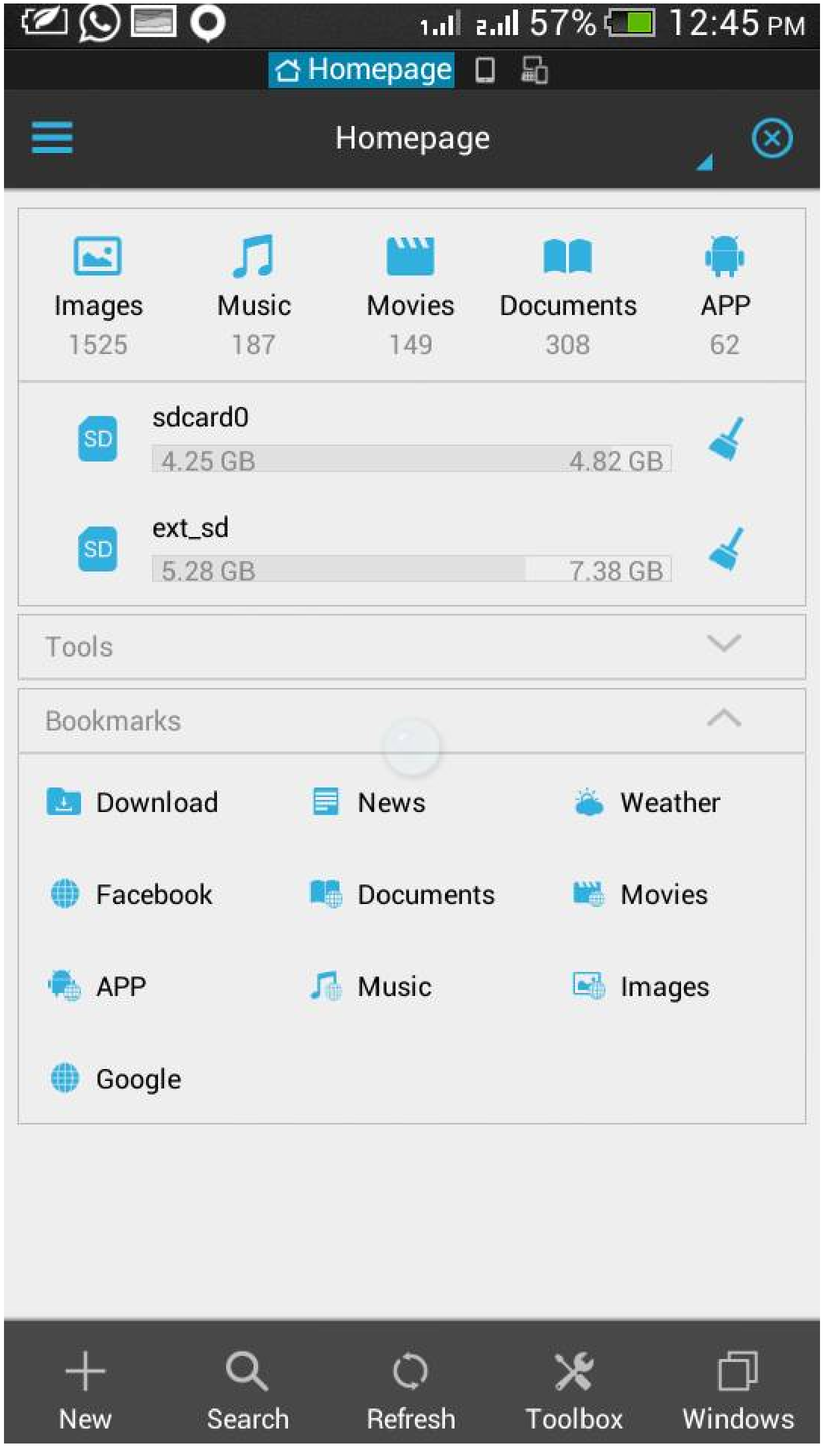

77%
9:22 AM
6/15
38 m
Start
Press once more to stop GPX track reording
NIRD pla
Map orientation: To compass
100 m

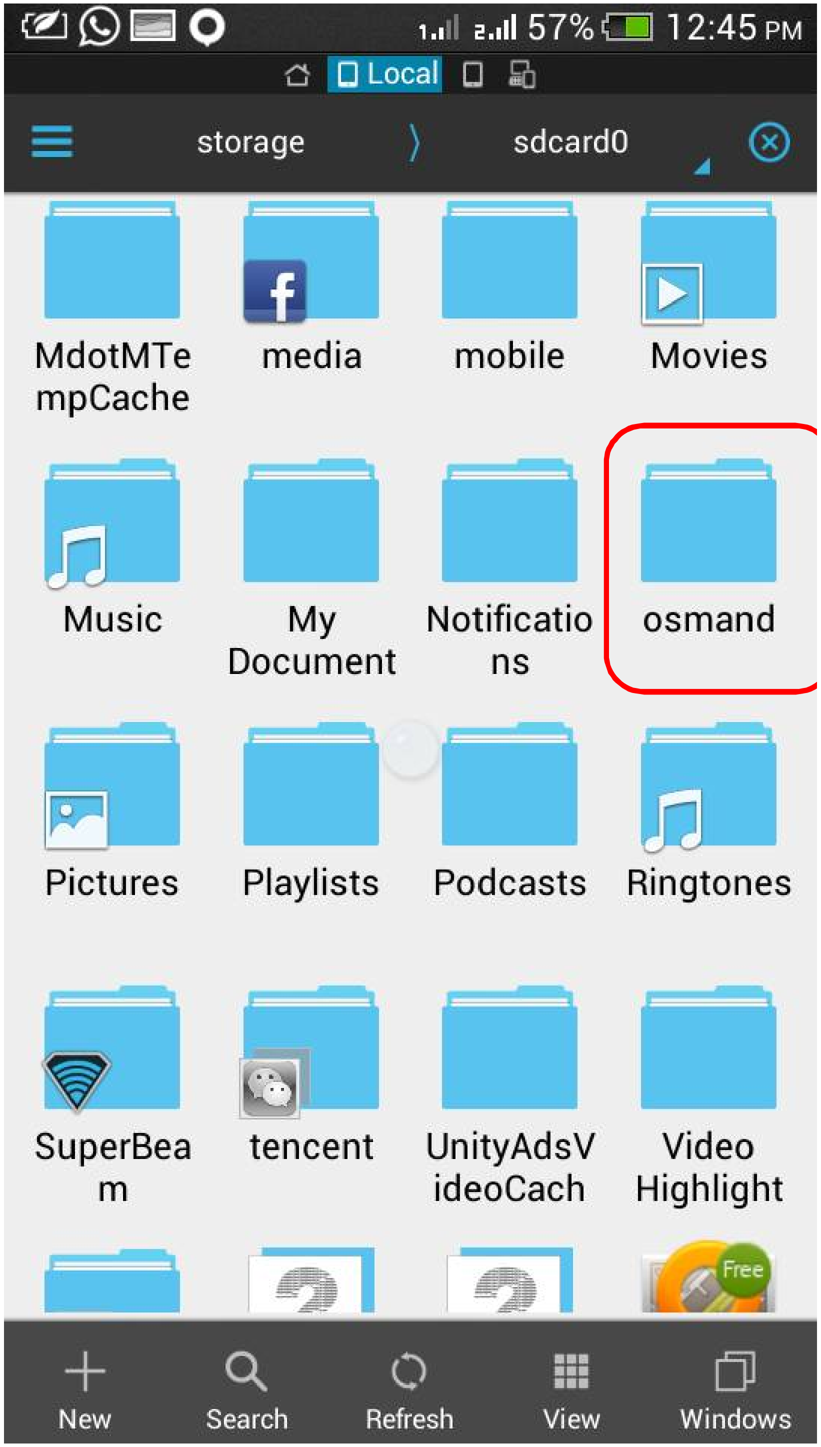

76%
9:26 AM
0/0
46 m
Start
N
Stop GPX logging
Start new segment
Save current GPX track
100 m

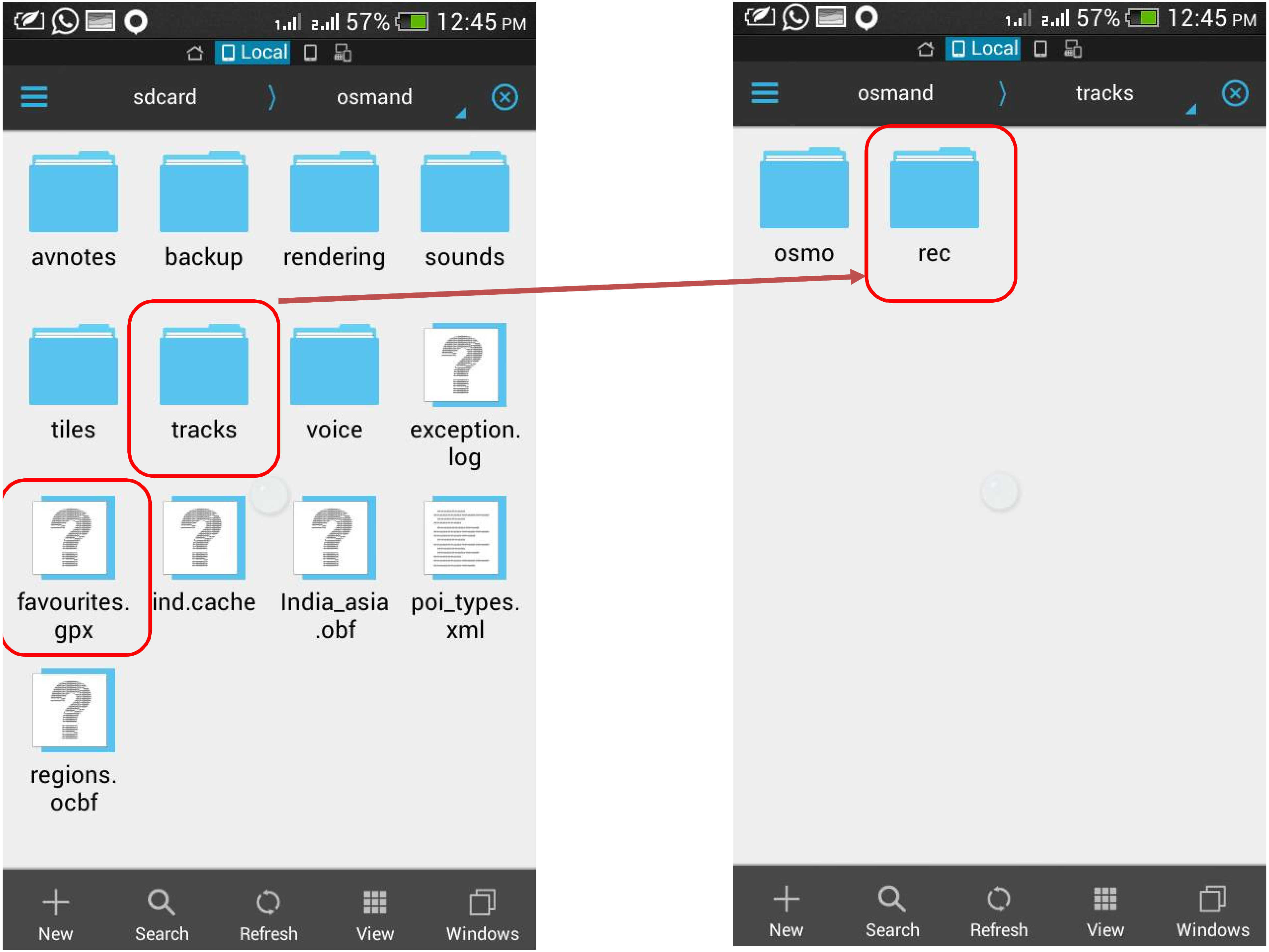
82%
9:11 AM
Rajendra Nagar
100 m

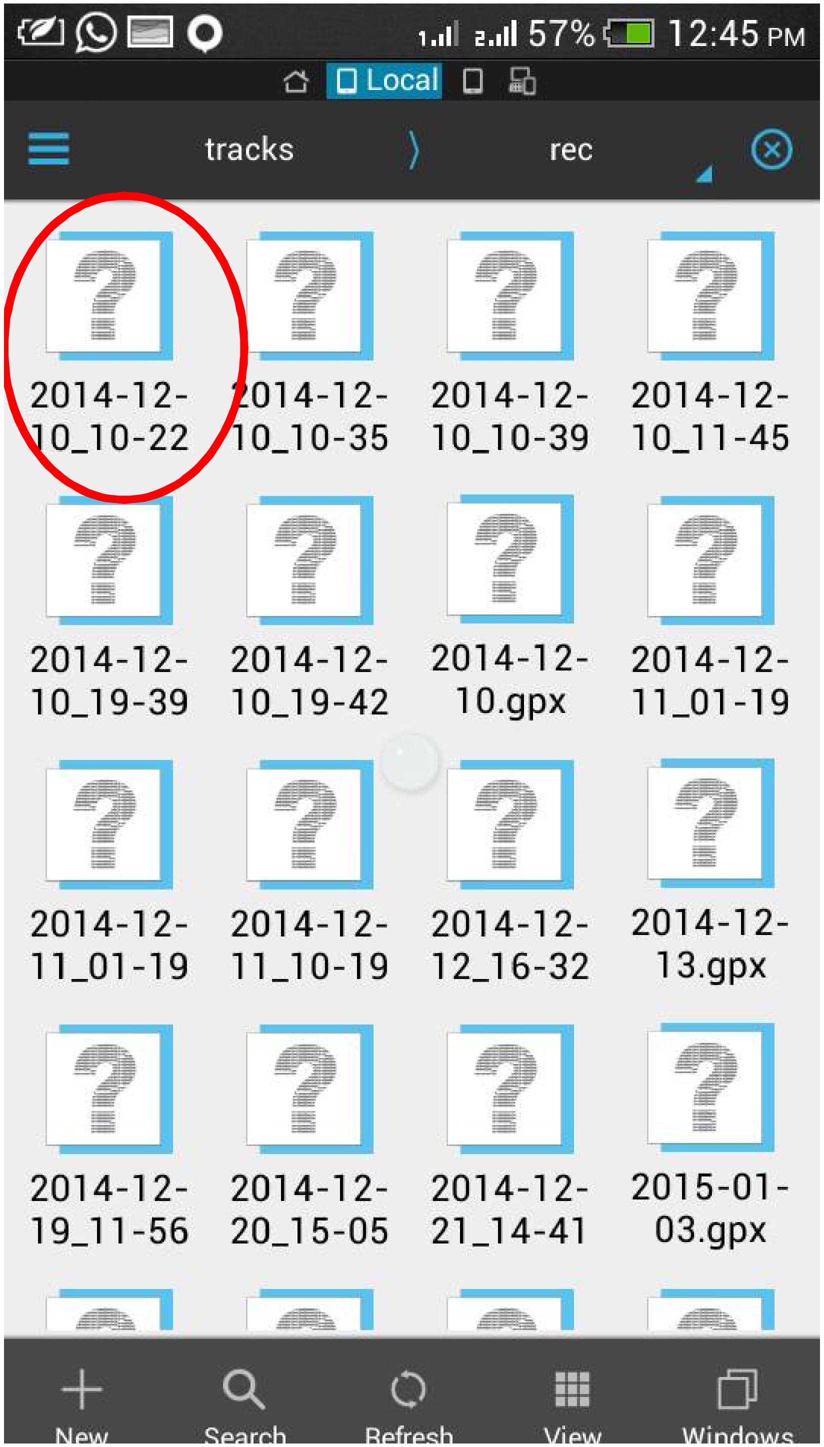

82%
9:11 AM
Location:
Lat 17.32199
Lon 78.40239
Rajendra Nagar
100 m


82%
9:11 AM
Directions To
Directions From
Set as destination
Add as waypoint
Search near here
Share location
Take an audio note
Take a video note
Take a photo
Add to Favorites
Add GPX waypoint
Create POI


57% 12:45 PM
Homepage
Homepage
Images 1525
Music 187
Movies 149
Documents 308
APP 62
sdcard0
4.25 GB 4.82 GB
ext_sd
5.28 GB 7.38 GB
Tools
Bookmarks
Download
News
Weather
Facebook
Documents
Movies
APP
Music
Images
Google
New
Search
Refresh
Toolbox
Windows


57% 12:45 PM
Local
storage
sdcard0
MdotMTempCache
media
mobile
Movies
Music
My Document
Notifications
osmand
Pictures
Playlists
Podcasts
Ringtones
SuperBeam
tencent
UnityAdsVideoCach
Video Highlight
Free
New
Search
Refresh
View
Windows


57% 12:45 PM
Local
sdcard
osmand
avnotes
backup
rendering
sounds
tiles
tracks
voice
exception.log
favourites.gpx
ind.cache
India_asia.obf
poi_types.xml
regions.ocbf
New
Search
Refresh
View
Windows
57% 12:45 PM
Local
osmand
tracks
osmo
rec
New
Search
Refresh
View
Windows



Tracks are saved with date

Thanks